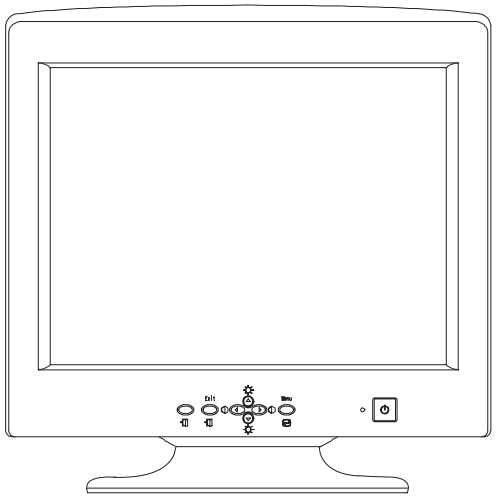
COLOR MONITOR

AQ17HS/AQ17IS/AQ17NS
AQ19MS/AQ19IS/AQ19NS/AQ19FS

SERVICE Manual

COLOR MONITOR



CONTENTS

1. Precautions
2. Product Specifications
3. Disassembly & Reassembly
4. Alignment & Adjustments
5. Troubleshooting
6. Exploded View & Parts List
7. Electrical Parts List
8. Block Diagram
9. Wiring Diagram
10. Schematic Diagrams

1 Precautions

1-1 Safety Precautions

WARNINGS

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power before servicing.
3. When the chassis is operating, semiconductor heatsinks are potential shock hazards.

1-1-1 Servicing the High Voltage and CRT :

WARNING: A high voltage VR replaced in the wrong direction may cause excessive X-ray emissions.

1. When servicing the high voltage system, remove the static charge by connecting a 10 kohm resistor in series with an insulated wire (such as a test probe) between the chassis and the anode lead.
2. When troubleshooting a monitor with excessively HV, avoid being unnecessarily close to the monitor. Do not operate the monitor for longer than is necessary to locate the cause of excessive voltage.
3. High voltage should always be kept at the rated value, no higher. Only when high voltage is excessive are X-rays capable of penetrating the shell of the CRT, including the lead in glass material. Operation at high voltages may also cause failure of the CRT or high voltage circuitry.
4. When the HV regulator is operating properly, there is no possibility of an X-ray problem. Make sure the HV does not exceed its specified value and that it is regulating correctly.
5. The CRT is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the CRT only with one that is the same or equivalent type as the original.
6. Handle the CRT only when wearing shatterproof goggles and after completely discharging the high voltage anode.
7. Do not lift the CRT by the neck.

1-1-2 Fire and Shock Hazard :

Before returning the monitor to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):
   WARNING: Do not use an isolation transformer during this test.
   Use a leakage current tester or a metering system that complies with American National Standards Institute (*ANSI C101.1, Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).
4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

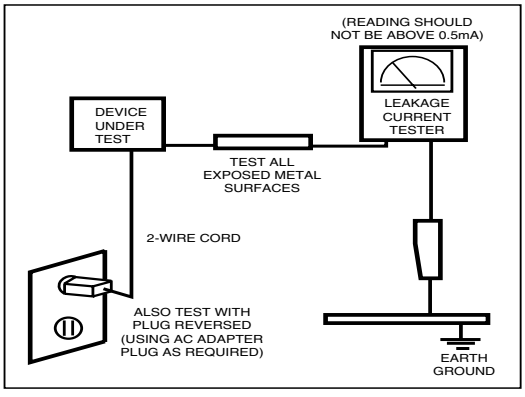

(READING SHOULD NOT BE ABOVE 0.5mA)
LEAKAGE CURRENT TESTER
DEVICE UNDER TEST
TEST ALL EXPOSED METAL SURFACES
2-WIRE CORD
ALSO TEST WITH PLUG REVERSED (USING AC ADAPTER PLUG AS REQUIRED)
EARTH GROUND

Figure 1-1. Leakage Current Test Circuit

1-1-3 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by ⚠ on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and / or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

Components identified by ☢ on schematics and parts lists must be sealed by a soldering iron after replacement and adjustment.

1-2 Servicing Precautions

WARNING1: First read the "Safety Precautions" section of this manual. If unforeseen circumstances create conflict between the servicing precautions and safety precautions, always follow the safety precautions.

WARNING2: A high voltage VR replaced in the wrong direction may cause excessive X-ray emissions.

WARNING3: An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet, and should be followed closely.
2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect all test components in parallel with an electrolytic capacitor.
3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
7. Never defeat any of the +B voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.
8. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3 Electrostatically Sensitive Devices (ESD) Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD devices are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the monitor.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   Caution: Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.
9. ⚠ Indicates ESDs on the Schematic Diagram in this manual.

2 Product Specifications

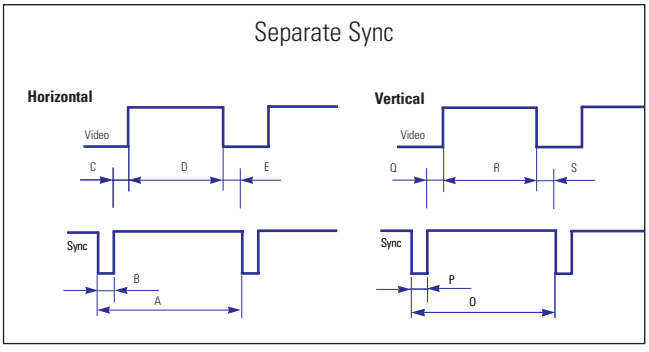
2-1 Specifications

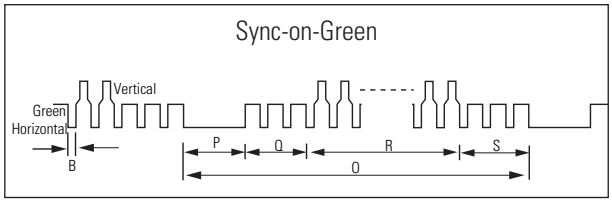
Item	Description
Picture Tube:	17-Inch (43 cm): 16-inch (40.6 cm) viewable, 19-Inch (48.2 cm): 18-inch (45.8 cm) viewable, 17"/19": 0.26 mm Dot pitch, Full-square tube / Perfect Flatmess, 90˚ Deflection, Anti-Reflection coating with Anti-electrastatic, Medium short persistence phosphor
Scanning Frequency (Automatic)	Horizontal : AQ17HS/AQ17IS/AQ17NS: 30 kHz ~ 96 kHz (Automatic) AQ19MS/AQ19IS/AQ19FS: 30 kHz ~ 96 kHz (Automatic), AQ19NS: 30kHz ~ 110kHz (Automatic) Vertical : 50 Hz ~ 160 Hz (Automatic)
Display Colors	Unlimited colors
Maximum Resolution	Horizontal : 1600 Pixels, Vertical : 1200 Pixels
Input Video Signal	Analog, 0.7 Vp-p positive at 75 Ω, internally terminated
Input Sync Signal	Separate Sync : TTL level positive/negative Composite Sync : TTL level positive/negative Sync-on-Green Coptional : Composite sync 0.3 Vp-p negative (Video on Vp-p positive)
Maximum Pixel Clock rate	17" : 250 MHz, 19"MS/IS/FS : 250 MHz, 19"NS : 290 MHz
Active Display	17" ; Horizontal : 312 mm, Vertical : 234 mm 19" ; Horizontal : 352 mm, Vertical : 264 mm
Input Voltage	AC 90 ~ 264 Volts, 60/ 50 Hz ± 3 Hz
Power Consumption (nominal)	17": 90 Watt , 19": 110 Watt
Dimensions (W x D x H) Unit / Carton AQ17HS AQ17IS AQ17NS AQ19MS AQ19IS AQ19NS AQ19FS	 15.7 x 16.2 x 16.2 Inches (398 x 412 x 412 mm) / 18.3 x 20.2 x 18 Inches (464 x 512 x 458 mm) 15.7 x 16.2 x 16.2 Inches (398 x 412 x 412 mm) / 19.3 x 22.5 x 18 Inches (490 x 570 x 458 mm) 16.4 x 17.3 x 17.3 Inches (415 x 438 x 448 mm) / 22.2 x 22.9 x 21.6 Inches (564 x 581 x 548 mm) 17.3 x 17.9 x 18.1 Inches (440 x 454 x 461 mm) / 22.3 x 22.8 x 21.2 Inches (566 x 580 x 540 mm) 17.3 x 18.1 x 18.1 Inches (440 x 460 x 461 mm) / 22.1 x 25 x 21.2 Inches (560 x 635 x 540 mm) 18.5 x 18.0 x 19.4 Inches (468 x 458 x 493 mm) / 22.5 x 24.4 x 22.6 Inches (571 x 620 x574 mm) 17.6 x 16.3 x 17.7 Inches (446 x 413.5 x 450 mm) / 21.4 x 22.8 x 21.1 Inches (542 x 580 x 535 mm)
Weight (Net/Gross) AQ17HS AQ17IS AQ17NS AQ19MS AQ19IS AQ19NS AQ19FS	 15.6 kg (34.4 lbs) / 17.5 kg (38.6 lbs) 17.0 kg (37.5 lbs) / 19.5 kg (43.0 lbs) 19.7 kg (43.4 lbs) / 23.0 kg (50.7 lbs) 19.0 kg (41.9 lbs) / 21.5 kg (47.4 lbs) 21.0 kg (46.3 lbs) / 23.5 kg (51.8 lbs) 25.3 kg (55.8 lbs) / 29.3 kg (64.6 lbs) 22.0 kg (48.5 lbs) / 24.5 kg (54.0 lbs)
Environmental Considerations	Operating Temperature : 32°F ~ 104°F (0°C ~ 40°C) Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Humidity : 5 % ~ 95 %

- AQ17HS/AQ17IS/AQ17NS/AQ19MS/AQ19IS/AQ19NS/AQ19FS complies with TCO 99 recommendations for reduced electromagnetic fields.
- Designs and specifications are subject to change without prior notice.

Table 2-1. Timing Chart

Mode / Timing	IBM		VESA							
	VGA2/70Hz 720 x 400	VGA3/60Hz 640 x 480	640/85 Hz 640 x 480	800/85 Hz 800 x 600	1024/75 Hz 1024 x 768 (17"only)	1024/85 Hz 1024 x 768	1280/75 Hz 1280 x 1024	1280/85 Hz 1280 x 1024	1600/75 Hz 1600 x 1200 (19"only)	1600/85 Hz 1600 x 1200 (AQ19NS only)
fH (kHz)	31.469	31.469	43.269	53.674	60.023	68.677	79.976	91.146	93.750	106.250
A µsec	31.778	31.778	23.111	18.631	16.660	14.561	12.504	10.971	10.667	9.412
B µsec	3.813	3.813	1.556	1.138	1.219	1.016	1.067	0.016	0.948	0.837
C µsec	1.907	1.907	3.810	2.702	2.235	2.201	1.837	1.422	1.501	1.325
D µsec	25.422	25.422	5.222	14.222	13.003	10.836	9.481	8.127	7.901	6.972
E µsec	0.636	0.636	17.778	0.569	0.203	0.508	0.119	0.406	0.316	0.279
fV (Hz)	70.087	59.940	85.008	85.061	75.029	84.997	75.025	85.024	75.000	85.000
O msec	14.268	16.683	13.333	11.756	13.328	11.765	13.329	11.761	13.333	11.765
P msec	0.064	0.064	0.080	0.056	0.050	0.044	0.038	0.033	0.032	0.028
Q msec	1.080	1.048	0.427	0.503	0.466	0.524	0.475	0.483	0.491	0.433
R msec	12.711	15.253	12.800	11.179	12.795	11.183	12.804	11.235	12.800	11.294
S msec	0.413	0.318	0.027	0.019	0.017	0.015	0.013	0.011	0.011	0.009
Clock Freq. (MHz)	28.322	25.175	36.000	56.250	78.750	94.500	135.000	157.500	202.500	229.500
Polarity H.Sync	Negative	Negative	Negative	Positive	Positive	Positive	Positive	Positive	Positive	Positive
V.Sync	Positive	Negative	Negative	Positive	Positive	Positive	Positive	Positive	Positive	Positive
Remark	Separate	Separate	Separate	Separate	Separate	Separate	Separate	Separate	Separate	Separate





A : Line time total	B : Horizontal sync width	O : Frame time total	P : Vertical sync width
C : Back porch	D : Active time	Q : Back porch	R : Active time
E : Front porch		S : Front porch	

3 Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the AQ17HS/AQ17IS/AQ17NS/AQ19MS/AQ19IS/AQ19NS/AQ19FS monitor.

WARNING: This monitor contains electrostatically sensitive devices. Use with caution when handling these components.

3-1 Disassembly

Cautions: 1. Disconnect the monitor from the power source before disassembly.
2. To remove the Rear Cover, you must use the special opening jig tool.

3-1-1 Before making Disassembly

1. Disconnect or power cord from the monitor.
2. With a pad beneath it, stand the monitor on its front with the screen facing downward and the base close to you.

3-1-2 Cabinet Disassembly

1. Remove the Stand from the monitor. (Refer to Stand manual)
2. Remove 2 screws on the Rear cover.

Figure 1

3. Incline the monitor by lifting the rear of the monitor.

Figure 2

4. Push the Opening jig each groove along the Side of the monitor till it makes a “ttak” sound. (2 grooves : Left and Right, Make sure each snap is disengaged.)

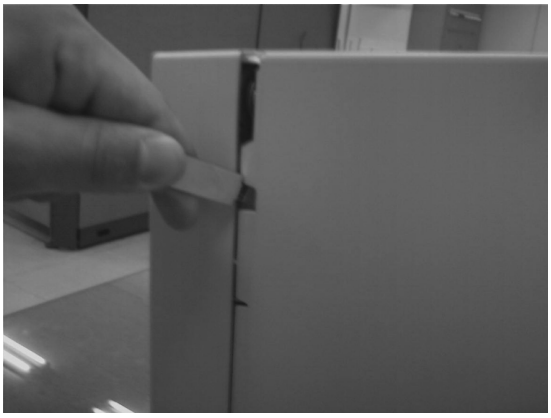


Figure 3

5. Pull the Rear Cover up off the monitor.

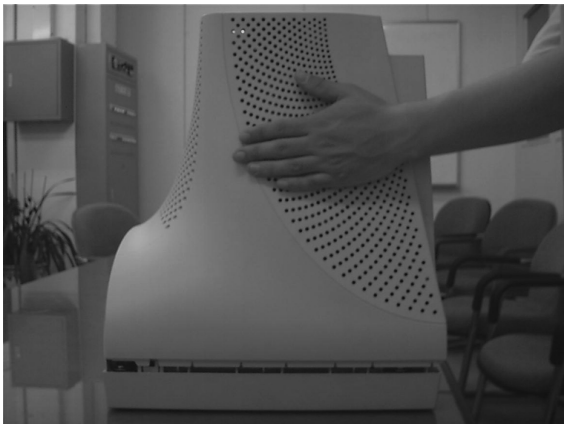


Figure 4

6. Remove the Shield.(TCO 99)

Figure 5

7. Using pinch-nose pliers or ling-nose pliers, acrefully disconnect the Anode Cap from the CRT.

Warning: Do not touch the Anode contact on the CRT (High Voltage may remain).

3-1-3 Removing the CRT Socket PCB

1. Complete all previous steps.
2. Lift up the Video Spring and remove the CRT Socket PCB from the CRT.

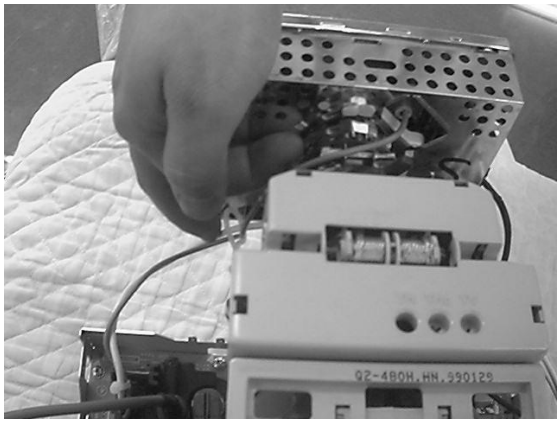


Figure 6

3. Disconnect all connectors on the CRT Socket PCB.
4. Using a solder iron, disconnect 5points Ground (GND) on the back of the Video Shield and remove the Shield Cap.
5. Remove the screw on the front of the Shield Socket.
6. Place the Video PCB on a flat, level surface that is protected from static electricity.

3-1-4 Removing the Main PCB

1. Complete all previous steps.
2. Disconnect the Degaussing Coil at CN601 on the Main PCB.
3. Disconnect all easily accessible ground wires on the PCB and Bottom Chassis.
4. Disconnect the DY connector at the CN401 connector on the Main .
5. Using the jig, release the snaps (2) connecting the Front Cover and the PCB then lift up the Bottom to separate the two Shield.

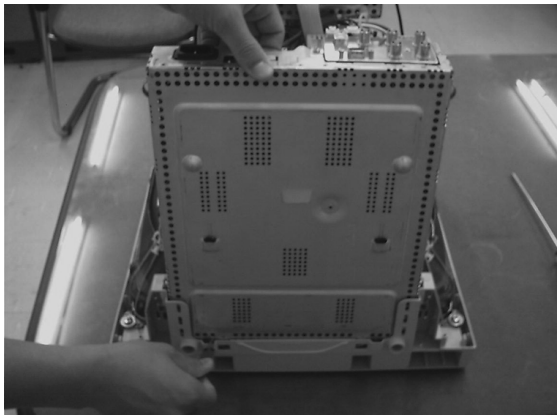


Figure 7

6. Disconnect the Tilt connector at the CN409 connector on the Main PCB.
7. Disconnect the Sub PCB connector at the CN204 connector on the Main PCB.
8. Remove the screws on the back and along each side of the Bottom Chassis.
9. Carefully lift the Main PCB Ass'y and remove the remaining ground wires.
10. Place the Main PCB Ass'y on a flat, level surface that is protected from static electricity.

3-1-5 CRT Ass'y Disassembly

1. Complete all previous steps.
2. Straighten the Degaussing Coil Assembly coated metal ties and lift the Coil Ass'y from the CRT.
3. Remove the four corner screws and lift the CRT up and away from the Front Cover Assembly and place it on a padded surface.

Caution: Do not lift the CRT by the neck.
If you will be returning this CRT to the monitor, be sure to place the CRT face downward on a protective pad.

3-2 Reassembly

Reassembly procedures are in the reverse order of Disassembly procedures.

4 Alignment and Adjustments

This section of the service manual explains how to make permanent adjustments to the monitor.

4-1 Adjustment Conditions

Caution: Changes made without the Softjig are saved only to the user mode settings. As such, the settings are not permanently stored and may be inadvertently deleted by the user.

4-1-1 Before Making Adjustments

4-1-1 (a) ORIENTATION

When servicing, always face the monitor to the east.

4-1-1 (b) WARM-UP TIME

The monitor must be on for 30 minutes before starting alignment. Warm-up time is especially critical in color temperature and white balance adjustments.

4-1-1 (c) SIGNAL

Analog, 0.7 Vp-p positive at 75 ohm, internal termination
Sync: Separate/Composite
(TTL level negative/positive)

Sync-on-Green:
Composite sync 0.3 Vp-p negative
(Video 0.7 Vp-p positive)

4-1-1 (d) SCANNING FREQUENCY

Horizontal: 30 kHz to 96 kHz (Automatic)
Vertical: 50 Hz to 160 Hz (Automatic)

Unless otherwise specified, adjust at the 1024 x 768 mode (H: 68 kHz, V: 85 Hz) signals.

Refer to Table 2-1 on pages 2-2 and 2-3.

4-1-1 (e) HIGH VOLTAGE ADJUSTMENT

Signal:	1024 x 768 mode (68 kHz/85 Hz)
Display image:	Full white
Contrast:	Maximum
Brightness:	Maximum
Limit:	26 kV ± 0.5 kV (19″: 27 kV ± 0.5 kV)

Measure the hight voltage level at the anode cap. High voltage should be within the limit as above. If the high voltage needs adjustment use the Softjig.

4-1-1 (f) G2 (SCREEN) VOLTAGE

The Screen Voltage is fixed in the firm so don't need to adjust the Screen voltage.

4-1-1 (g) CENTER RASTER

Adjust VR401 so that the back raster comes to the center when you apply a signal of 91 kHz/85 Hz.

4-1-2 Required Equipment

The following equipment may be necessary for adjustment procedures:

4-1-2 (a) DISPLAY CONTROL ADJUSTMENT

1. Non-metallic (–) screwdriver: 1.5 mm
   Non-metallic (–) screwdriver: 3 mm
2. Philips (+) screwdriver: 1.5 mm
3. Non-metallic hexkey: 2.5 mm
4. Digital Multimeter (DMM), or
   Digital Voltmeter (DVM)
5. Signal generator, or
   Computer with a video board that uses the ET-4000 chipset (strongly recommended if using Samsung DM 200 software) and that displays: 1280 x 1024 @ 85 Hz, or 1600 x 1200 @ 85 Hz (maximum).
6. Personal computer

4-1-2 (b) COLOR ADJUSTMENTS

1. All equipment listed in 4-1-2 (a), above
2. Color analyzer, or any luminance measurement equipmen

4-1-3 After Making Adjustments

After finishing all adjustments, test the monitor in all directions. If, for example, the monitor does not meet adjustment specifications when facing north, reposition the monitor to face east and readjust. This time, try for an adjustment closer to the ideal setting within the tolerance range. Test the unit again in all directions. If the monitor again fails to meet specifications in every direction, contact your Regional After Service Center for possible CRT replacement.

※ Adjust the screen VR of FST so that the G2 (screen) voltage it is 540 ± 10V (AQ19FS)

4-2 Display Control Adjustments

4-2-1 Centering

Centering means to position the center point of the display in the middle of the display area. Horizontal size and position and vertical size and position control the centering of the display.

Adjust the horizontal size and vertical size to their optimal settings: 312 mm (H) x 234 mm (V).
1024 x 768 mode (68 kHz/85Hz)

Adjust the horizontal position and vertical position to ≤ 4.0 mm of the center point of the screen.

|A-B| ≤ 4.0 mm. |C-D| ≤ 4.0 mm.

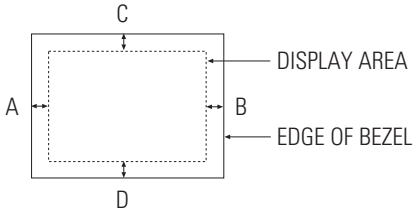


Figure 4-3. Centering

4-2-1 (a) HORIZONTAL SIZE ADJUSTMENT

CONDITIONS

Scanning frequency:	68 kHz/85 Hz
Display image:	Crosshatch pattern
Brightness:	Cut-off
Contrast:	Maximum

Click on the << or >> box next to **SIZE B+** to adjust the horizontal size of the display pattern to 312 mm (Tolerance: ± 3 mm) as the "H_SIZE" is "60" on the OSD.

4-2-1 (b) VERTICAL SIZE ADJUSTMENT

CONDITIONS

Scanning frequency:	68 kHz /85 Hz
Display image:	Crosshatch pattern
Brightness:	Cut-off
Contrast:	Maximum

Click on the << or >> box next to **V_SIZE** to adjust the vertical size of the display pattern to 234 mm. (Tolerance: ± 3 mm.)

4-2-1 (c) HORIZONTAL POSITION ADJUSTMENT

CONDITIONS

Scanning frequency:	68 kHz/85 Hz
Display image:	Crosshatch pattern
Brightness:	Cut-off
Contrast:	Maximum

Click on the << or >> box next to **H_POSI** to center the horizontal image on the raster.

4-2-1 (d) VERTICAL POSITION ADJUSTMENT

CONDITIONS

Scanning frequency:	68 kHz/85 Hz
Display image:	Crosshatch pattern
Brightness:	Cut-off
Contrast:	Maximum

Click on the << or >> box next to **V_POSI** to center the vertical image on the raster.

4-2-2 Linearity

Linearity affects the symmetry of images as they appear on the screen. Unless each row or column of blocks in a crosshatch pattern is of equal size, or within the tolerances shown in Table 4-1 an image appears distorted, elongated or squashed.

$$\text{Horizontal Linearity} = 2x\,\frac{\text{X max-X min}}{\text{X max+X min}}x100$$

$$\text{Vertical Linearity} = 2x\,\frac{\text{Y max-Y min}}{\text{Y max+Y min}}\,x100$$

Table 4-1

	Adjacent Linearity	Entire Linearity
Preset mode	≤ 4%	≤ 8%
Pre-load mode (48kHz~)	≤ 5%	≤ 10%
Pre-load mode (under 48kHz)	≤ 5%	≤ 14%

❊ Preset Mode : 68KHz / 85Hz
Pre-load Mode : Refer to Timing Chart

4-2-2 (a) HORIZONTAL LINEARITY ADJUSTMENT

CONDITIONS

Scanning frequency:	68 kHz/85 Hz
Display image:	Crosshatch pattern
Brightness:	Cut-off
Contrast:	Maximum

To adjust the Horizontal Linearity, refer to Table 4-1 for the tolerance range.

Click on the << or >> box next to **H_LIN** to optimize the image.

Table 4-2
(Horizontal x Vertical Size Table)

	17"	19"
Horizantal	312	352
Vertical	234	264

4-2-2 (b) VERTICAL LINEARITY ADJUSTMENT

CONDITIONS

Scanning frequency:	68 kHz/85 Hz
Display image:	Crosshatch pattern
Brightness:	Cut-off
Contrast:	Maximum

To adjust the Vertical Linearity, refer to Table 4-1 for the tolerance range.

Use control bar after selecting "V_LINEARITY BAL" in left menu to optimize the image.

4-2-3 Trapezoid Adjustment

CONDITIONS

Scanning frequency:	68 kHz/85 Hz
Display image:	Crosshatch pattern
Brightness:	Cut-off
Contrast:	Maximum

Use control bar after selecting **"TRAPEZOID"** in left menu to make the image area rectangular.

$| A - B | < 5$ mm

Figure 4-4. Trapezoid

4-2-4 Pinbalance Adjustment

CONDITIONS

Scanning frequency:	68 kHz/85 Hz
Display image:	Crosshatch pattern
Brightness:	Cut-off
Contrast:	Maximum

$| D1 |, | D2 | \leq 2.0$ mm

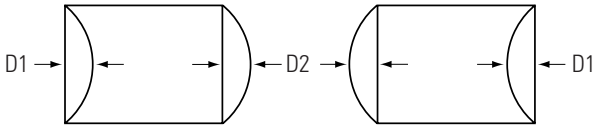


Figure 4-5. Pinbalance

Use control bar after selecting **"PINBALANCE"** in left menu to optimize the image.

4-2-5 Parallelogram Adjustment

CONDITIONS

Scanning Frequency:	68 kHz/85 Hz
Display image:	Crosshatch pattern
Brightness:	Cut-off
Contrast:	Maximum

Use control bar after selecting **"PARALLEL"** in left menu to make the image area rectangular.

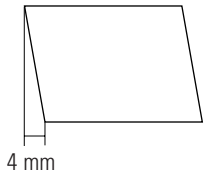


Figure 4-6. Parallelogram

4-2-6 Side Pincushion Adjustment

CONDITIONS

Scanning frequency:	68 kHz/85 Hz
Display image:	Crosshatch pattern
Brightness:	Cut-off
Contrast:	Maximum

Use control bar after selecting **"PINCUSHION"** in left menu to straighten the sides of the image area.

$| C1 |, | C2 | \leq 2.0$ mm, $| D1 |, | D2 | \leq 2.0$ mm.

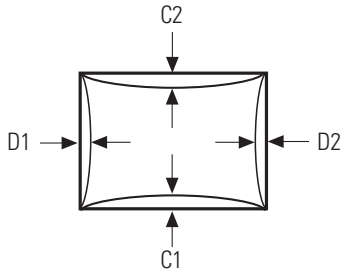


Figure 4-7. Pincushion

4-2-7 Degauss

No adjustments are available for the degaussing circuit. The degaussing circuit can effectively function only once per 30 minutes.

4-2-8 Save the Data

To save the adjustment data for factory frequencys, press **FACTORY SAVE**.

4-2-9 To Delete the User Mode Data

To delete the adjustment data from the user modes, click "@4: USER DELETE" in right menu.

4-3 Color Adjustments

4-3-1 Color Coordinates (Temperature)

Color temperature is a measurement of the radiant energy transmitted by a color. For computer monitors, the color temperature refers to the radiant energy transmitted by white. Color coordinates are the X and Y coordinates on the chromaticity diagram of wavelengths for the visible spectrum.

CONDITIONS

Measurement instrument:	Color analyzer
Scanning frequency:	68 kHz/85 Hz
Display Size :	312 (H) x 234 (V)
Display image:	White flat field at center of display area
Brightness:	Cut-off
Contrast:	Maximum

PROCEDURE

Use the directions in sections 4-3-2 through 4-3-4 to adjust the color coordinates for:
9300K to x = 0.283 ± 0.02, y = 0.298 ± 0.02
6500K to x = 0.313 ± 0.02, y = 0.329 ± 0.02
5000K to x = 0.346 ± 0.02, y = 0.359 ± 0.02

4-3-2 Color Adjustments for 9300K

4-3-2 (a) BACK RASTER COLOR ADJUSTMENT

CONDITIONS

Scanning frequency:	68 kHz/85 Hz
Display image:	Back raster pattern
Brightness:	Cut-off
Contrast:	Maximum

1. Select **COLOR CHANNEL 1** to control the color for 9300K.
2. Adjust the luminance of the back raster to between 0.5 to 0.7ft-L using the "**GREEN CUTOFF"** controls.
3. Use control bar after selecting **"BLUE CUTOFF"** in left menu to set the "y" coordinate to 0.298 ± 0.015
4. Use control bar after selecting **"RED CUTOFF"** in left menu to 0.283 ± 0.015

* If color values would not be matched desirable values, repeat sequence 3 and 4 after readjusting "GREEN CUTOFF" control a little different.

4-3-2 (b) G-GAIN ADJUSTMENT

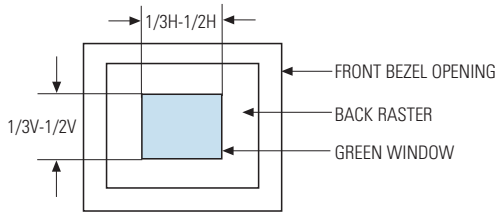


Figure 4-8. Green Box Pattern

CONDITIONS

Scanning frequency:	68 kHz/85 Hz
Display image:	Green box pattern
Brightness:	Cut-off
Contrast:	Maximum

1. Click on the << or >> box next to **G_GAIN** to adjust the brightness of the Green Gain to 40 ± 1 ft-L.
2. Click on the << or >> box next to **"BM Contrast"** to adjust the Brightness of the High Light Gain to 75ft-L when the High Light function was ("BM contrast" Menu is in the "Extra Menu") activated with Maximum size.

4-3-2 (c) WHITE BALANCE ADJUSTMENT

CONDITIONS

Scanning frequency:	68 kHz/85 Hz
Display image:	Full white pattern
Brightness:	Cut-off
Contrast:	Maximum

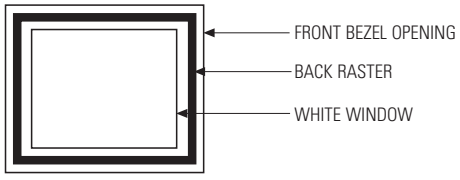


Figure 4-9. Full White Pattern

1. Click on the << or >> boxes next to **R_GAIN** and **B_GAIN** to make the video white. (For 9300K color adjustment: x = 0.283 ± 0.02, y = 0.298 ± 0.02.)

   Note: Do not touch the **G_GAIN** controls.
2. Check the ABL. If it is not within the specifications (30 ± 1 ft-L), use the ABL controls to adjust it.
3. Select **COLOR FACTORY SAVE** to save the data.

Luminance Table (9300K) 4-3

	17HS/IS/NS	19MS/NS/FS	19IS
Without ABL	40ft-L	36ft-L	36ft-L
Without ABL	31ft-L	30ft-L	30ft-L
Without ABL (High Light is Activated)	75ft-L	75ft-L	65ft-L

4-3-2 (d) WHITE BALANCE ADJUSTMENT VERIFICATION

CONDITIONS

Scanning frequency: 68 kHz/85 Hz
Display image: Back raster pattern
X-Y Coordinates: x = 0.283 ± 0.02, y = 0.298 ± 0.02
Raster Luminance 0.3 ~ 1ft-L
ABL Luminance 30 ± 1 ft-L
Brightness: Cut-off
Contrast: Maximum

1. Check whether the color coordinates of the back raster satisfy the above spec.

   If they do not, return to 4-3-2 (a) and readjust all settings.
2. Display a full white pattern.

Note: Do not touch the **G_GAIN** controls.

3. Adjust the Contrast Control on the monitor so that the luminance of the video is about 5 ft-L.
4. Check whether the white coordinates of the video meet the above coordinates spec.
5. Adjust the Contrast Control again so that the luminance of the video is about 20 ft-L.
6. Check whether the white coordinates of the video satisfies the above spec.

   If they do not, return to 4-3-2 (a) and readjust all settings.

4-3-3 Color Adjustments for 6500K

4-3-3 (a) BACK RASTER COLOR ADJUSTMENT

CONDITIONS

Scanning frequency: 68 kHz/85 Hz
Display image: Back raster pattern
Brightness: Cut-off
Contrast: Maximum

1. Select **COLOR CHANNEL 2** to control the color for 6500K.
2. Adjust the luminance of the back raster to between 0.5 to 0.7 ft-L using the **G_CUT** controls.
3. Click on the << or >> boxes next to **R_CUT** and **B_CUT** to adjust the R-Bias to x = 0.313 ± 0.02 and the B-Bias to y = 0.329 ± 0.02.

4-3-3 (b) G-GAIN ADJUSTMENT

This procedure is the same as that for 9300K, refer to the procedure on page 4-5.

You must adjust the Brightness of Green gain to 39 ± 1ft-L.

4-3-3 (c) WHITE BALANCE ADJUSTMENT

CONDITIONS

Scanning frequency: 68 kHz/85 Hz
Display image: Full white pattern
Brightness: Cut-off
Contrast: Maximum

1. Click on the << or >> boxes next to **R_GAIN** and **B_GAIN** to make the video white. (For 6500K color adjustment: x = 0.313 ± 0.02, y = 0.329 ± 0.02.)
2. Refer to the procedure for 9300K, section 4-3-2 (c) steps 2 and 3.

4-3-3 (d) WHITE BALANCE ADJUSTMENT VERIFICATION

Refer to the procedure for 9300K, section 4-3-2 (d).

Luminance Table (6500K) 4-4

	17HS/IS/NS	19NS/FS/IS
Without ABL	39ft-L	34ft-L
With ABL	30ft-L	29ft-L

4-3-4 Color Adjustments for 5000K

4-3-4 (a) BACK RASTER COLOR ADJUSTMENT

CONDITIONS

Scanning frequency: 68 kHz/85 Hz
Display image: Back raster pattern
Brightness: Cut-off
Contrast: Maximum

1. Select **COLOR CHANNEL 3** to control the color for 5000K.
2. Adjust the luminance of the back raster to between 0.5 to 0.7 ft-L using the **G_CUT** controls.
3. Click on the << or >> boxes next to **R_CUT** and **B_CUT** to adjust the R-Bias to x = 0.346 ± 0.02 and the B-Bias to y = 0.359 ± 0.02.

4-3-4 (b) G-GAIN ADJUSTMENT

This procedure is the same as that for 9300K, refer to the procedure on page 4-5.

Adjust the brightness of the **G_GAIN** less 2 ft-L than brightness of procedure for 9300K.

4-3-4 (c) WHITE BALANCE ADJUSTMENT

CONDITIONS

Scanning frequency:	68 kHz/85 Hz
Display image:	Full white pattern
Brightness:	Cut-off
Contrast:	Maximum

1. Click on the << or >> boxes next to **R_GAIN** and **B_GAIN** to make the video white. (For 5000K color adjustment: x = 0.346 ± 0.02, y = 0.359 ± 0.02.)
2. Refer to the procedure for 9300K, section 4-3-2 (c) steps 2 and 3.

Luminance Table (6000K) 4-5

	17HS/IS/NS	19NS/FS/IS
Without ABL	38ft-L	33ft-L
With ABL	30ft-L	28ft-L

4-3-4 (d) WHITE BALANCE ADJUSTMENT VERIFICATION

Refer to the procedure for 9300K, section 4-3-2 (d).

4-3-5 Luminance Uniformity Check

Luminance is considered uniform only if the ratio of lowest to highest brightness areas on the screen is not less than 7.5:10.

CONDITIONS

Scanning frequency:	68 kHz/85 Hz (1024 x 768)
Display image:	White flat field
Display size	312 (H) x 234 (V)
Brightness:	Cut off point
Contrast:	Maximum

PROCEDURE

Measure luminance at nine points on the display screen (see figure below).

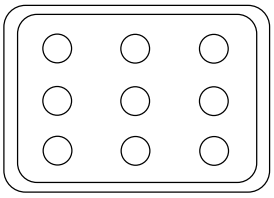


Figure 4-10 Luminance Uniformity Check Locations

4-3-6 Focus Adjustment

CONDITIONS

Scanning frequency:	68 kHz/85 Hz
Display image:	"H" character pattern
Brightness:	Cut off point
Contrast:	Maximum

PROCEDURE

1. Adjust the Focus VR on the FBT to display the sharpest image possible.
2. Use Locktite to seal the Focus VR in position.

4-3-7 Color Purity Adjustment

Color purity is the absence of undesired color. Conspicuous mislanding (unexpected color in a uniform field) within the display area shall not be visible at a distance of 50 cm from the CRT surface.

CONDITIONS

Orientation:	Monitor facing east
Scanning frequency:	68 kHz/85 Hz
Display image:	White flat field
Luminance:	Cut off point at the center of the display area

Note: Color purity adjustments should only be attempted by qualified personnel.

PROCEDURE

For trained and experienced service technicians only.

Use the following procedure to correct minor color purity problems:

1. Make sure the display is not affected by external magnetic fields.
2. Very carefully break the glue seal between the 2-pole purity convergence magnets (PCM), the band and the spacer.
3. Make sure the spacing between the PCM assembly and the CRT stem is 29 mm ± 1 mm.
4. Display a green pattern over the entire display area.
5. Adjust the purity magnet rings on the PCM assembly to display a pure green pattern. (Optimum setting: x = 0.295 ± 0.015, y = 0.594 ± 0.015)
6. Repeat steps 4 and 5 using a red pattern and then again, using a blue pattern.

Table 4-6. Color Purity Tolerances

Red:	x = 0.620 ± 0.015	y = 0.334 ± 0.015
Green:	x = 0.289 ± 0.015	y = 0.595 ± 0.015
Blue:	x = 0.153 ± 0.015	y = 0.072 ± 0.015

(For 9300K color adjustment: x = 0.283 ± 0.02, y = 0.298 ± 0.02)

7. When you have the PCMs properly adjusted, carefully glue them together to prevent their movement during shipping.

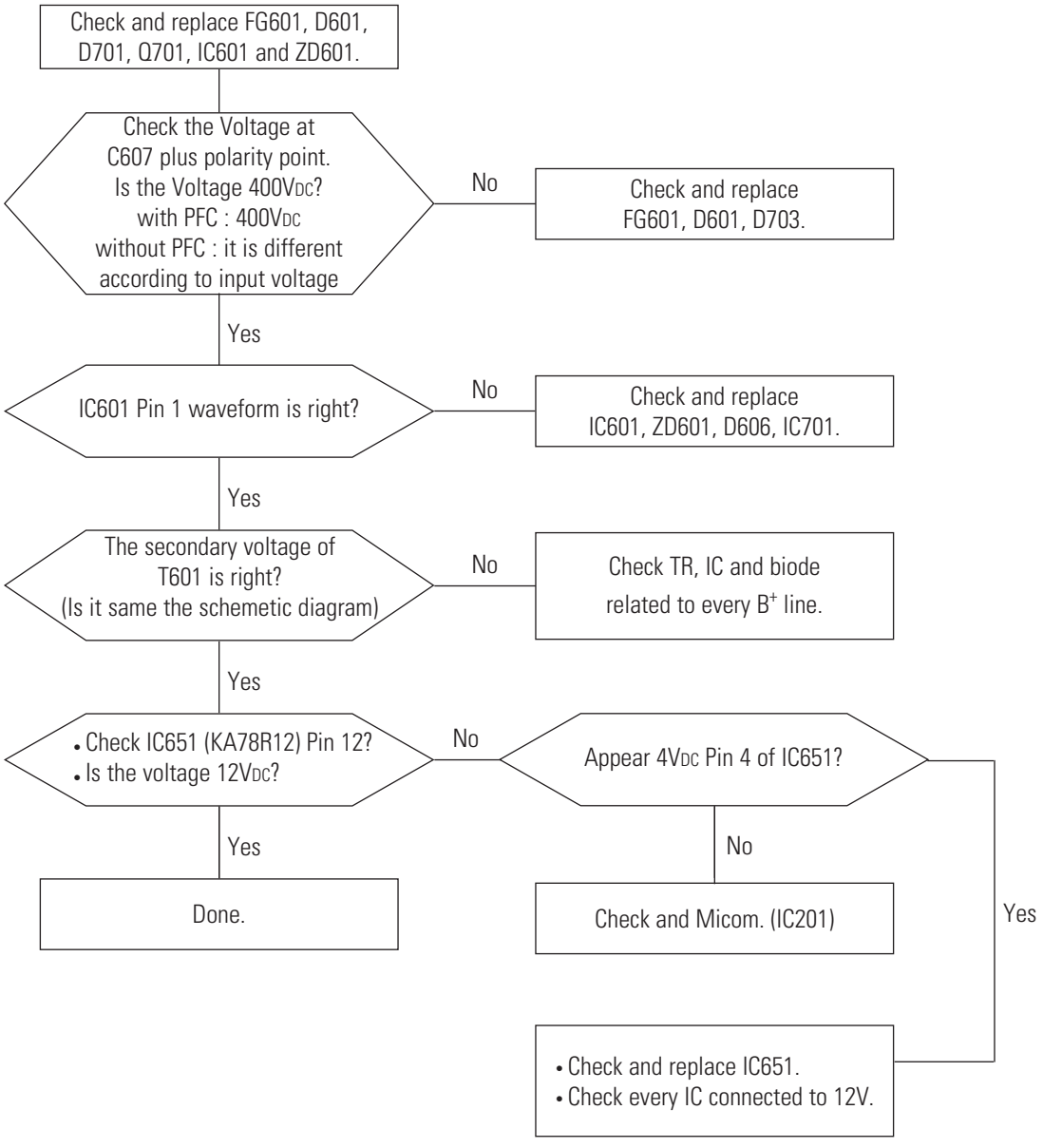
5 Troubleshooting

5-1 Parts Level Troubleshooting

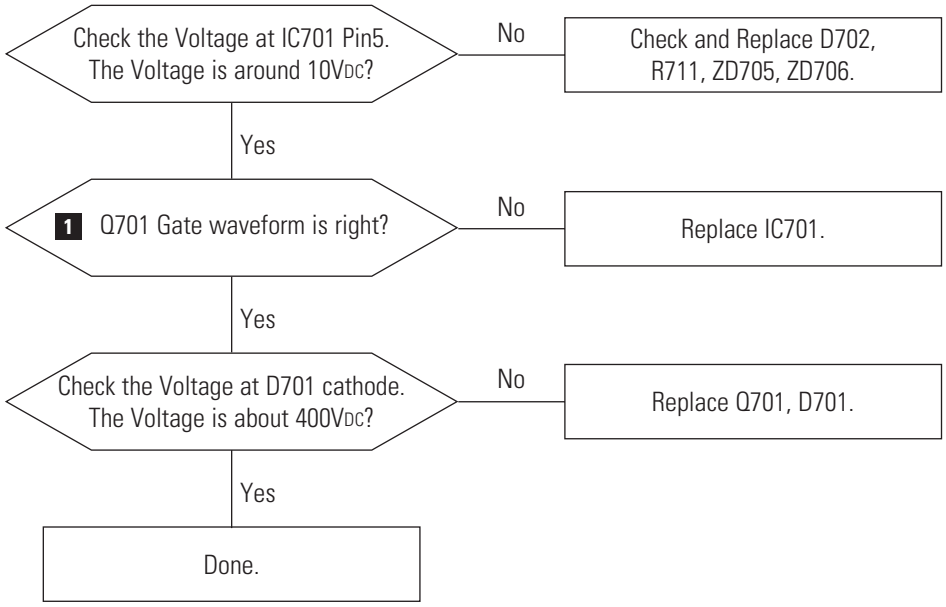
Notes: 1. If a picture does not appear, Click the Brightness and Contrast button on the front panel, and then increase the value of Brightness and Contrast.

2. Check the following circuits.
   - No raster appears: Power circuit, Horizontal output circuit, H/V control circuit, and H/V output circuit.
   - High voltage develops but no raster appears: Video output circuits.
   - High voltage does not develop: Horizontal output circuits.

5-1-1 No Power Supply

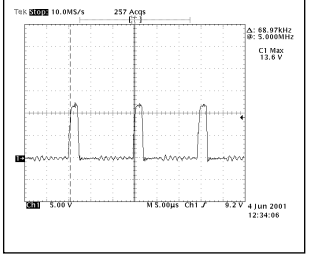

Check and replace FG601, D601, D701, Q701, IC601 and ZD601.
Check the Voltage at C607 plus polarity point. Is the Voltage 400VDC? with PFC : 400VDC without PFC : it is different according to input voltage
No
Check and replace FG601, D601, D703.
Yes
IC601 Pin 1 waveform is right?
No
Check and replace IC601, ZD601, D606, IC701.
Yes
The secondary voltage of T601 is right? (Is it same the schemetic diagram)
No
Check TR, IC and biode related to every B+ line.
Yes
• Check IC651 (KA78R12) Pin 12?
• Is the voltage 12VDC?
No
Appear 4VDC Pin 4 of IC651?
Yes
Done.
No
Check and Micom. (IC201)
Yes
• Check and replace IC651.
• Check every IC connected to 12V.

5-1-2 PFC Failure

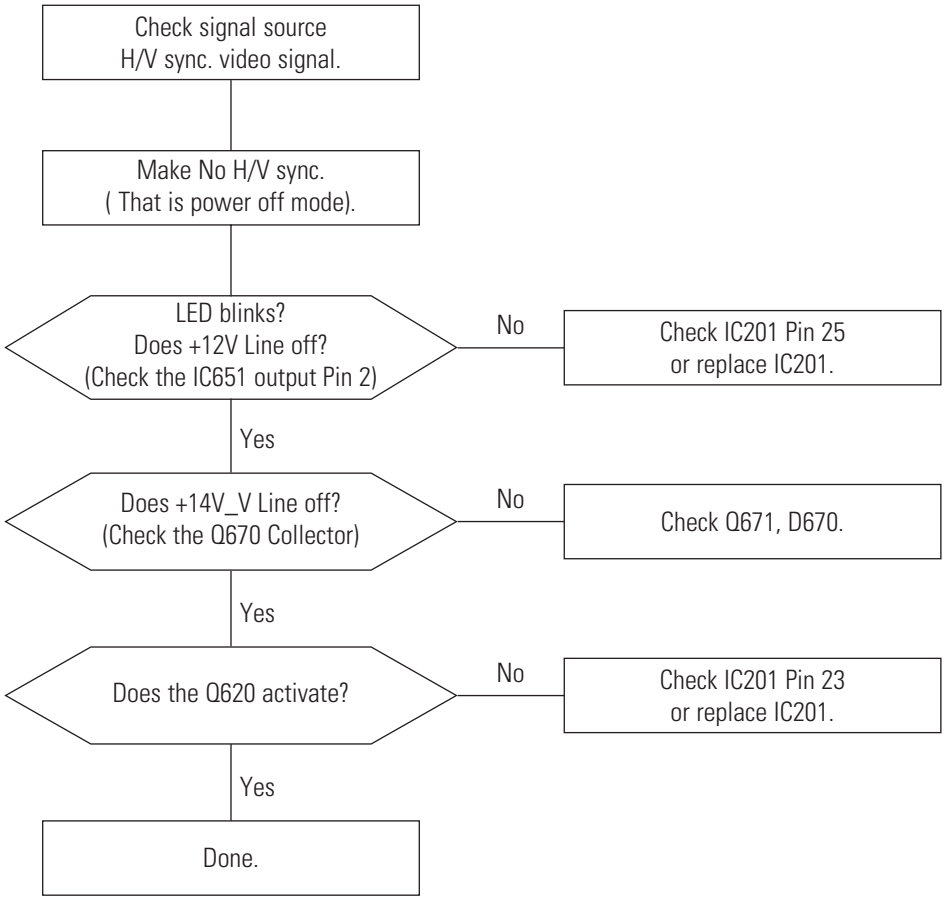


WAVEFORMS

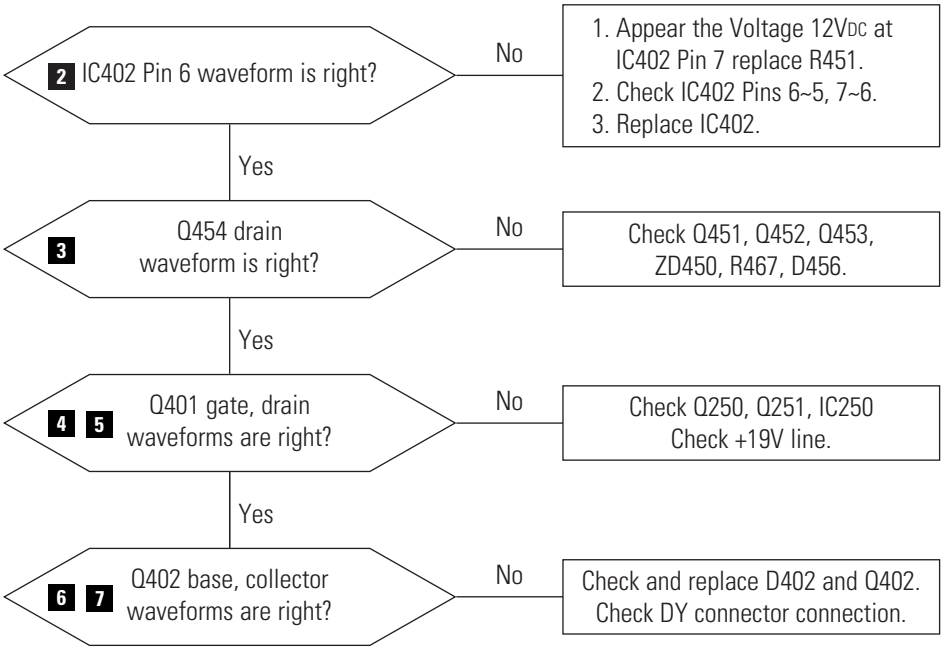
1 368 V (IC601, #1)



5-1-3 DPMS Failure

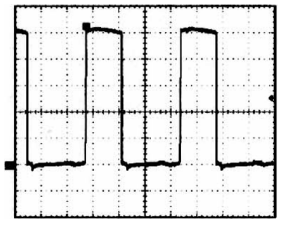


5-1-4 H_Deflection Failure


2 IC402 Pin 6 waveform is right?
No
1. Appear the Voltage 12VDC at IC402 Pin 7 replace R451.
2. Check IC402 Pins 6~5, 7~6.
3. Replace IC402.
Yes
3 Q454 drain waveform is right?
No
Check Q451, Q452, Q453, ZD450, R467, D456.
Yes
4 5 Q401 gate, drain waveforms are right?
No
Check Q250, Q251, IC250 Check +19V line.
Yes
6 7 Q402 base, collector waveforms are right?
No
Check and replace D402 and Q402. Check DY connector connection.

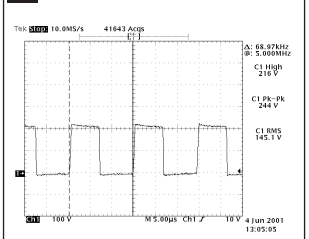
WAVEFORMS

2 IC402, #6

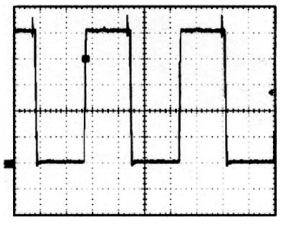


CH1 P-P = 10.96 V CH1 RMS = 6.180 V

3 Q454, Drain

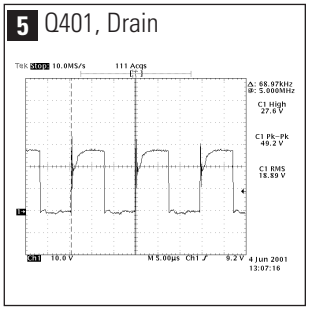


4 Q401, Gate

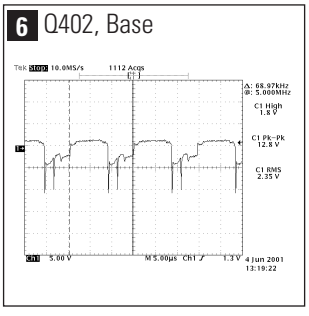


CH1 P-P = 11.6 V CH1 RMS = 6.944V

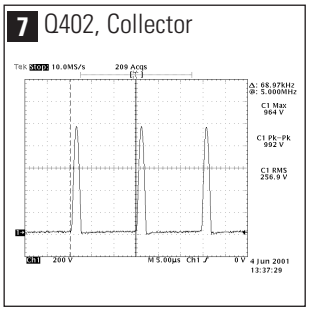
5 Q401, Drain



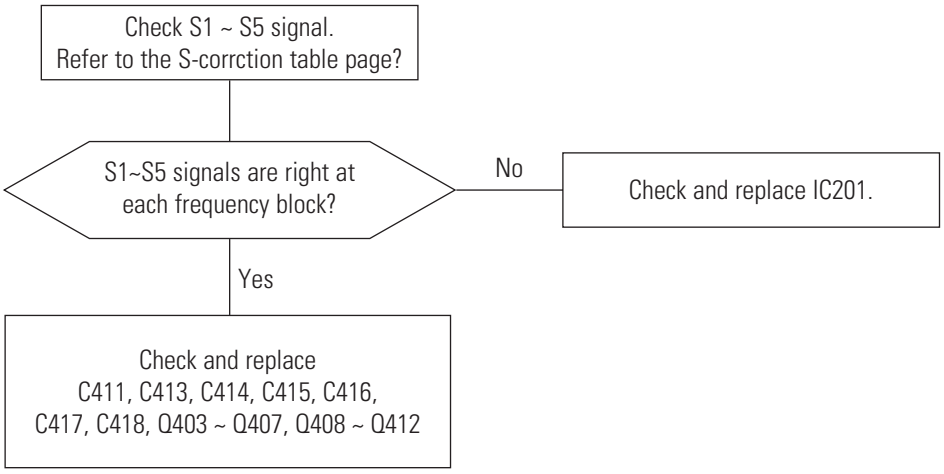
6 Q402, Base



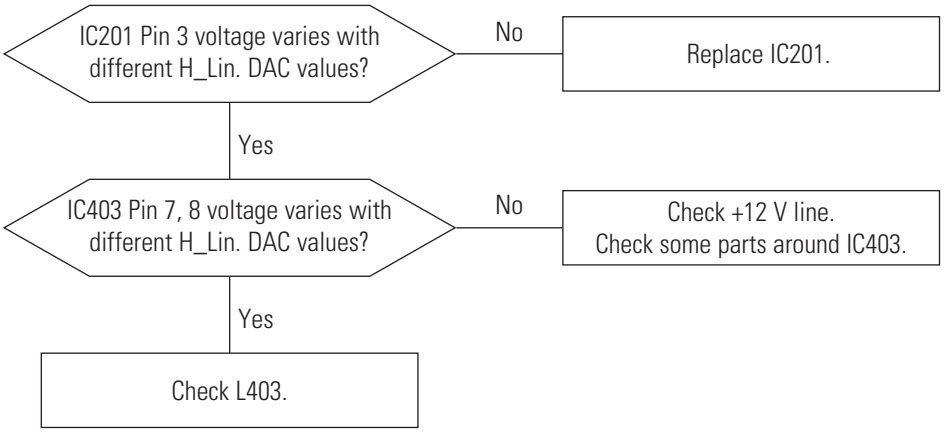
7 Q402, Collector



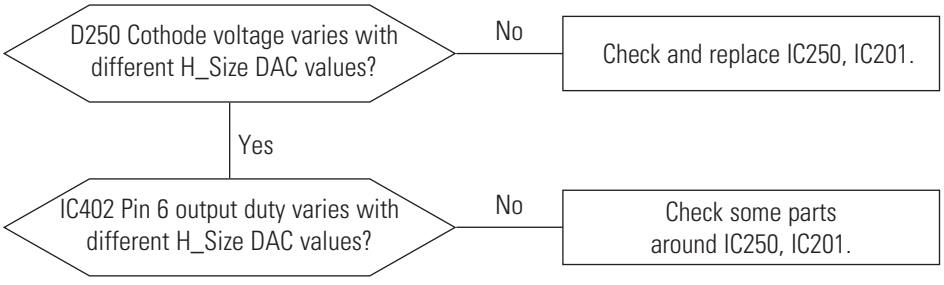
5-1-5 S Correction Failure


Check S1 ~ S5 signal.
Refer to the S-corrction table page?
S1~S5 signals are right at each frequency block?
No
Check and replace IC201.
Yes
Check and replace
C411, C413, C414, C415, C416,
C417, C418, Q403 ~ Q407, Q408 ~ Q412

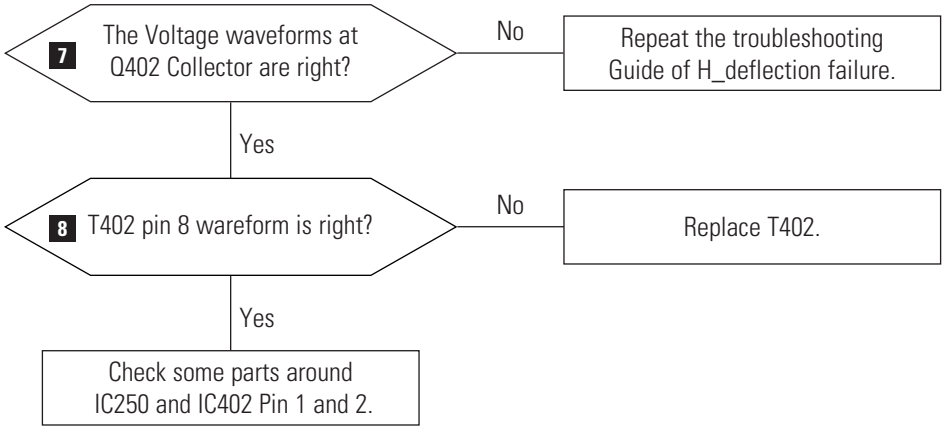
5-1-6 H_Lin. Failure



5-1-7 Invariable H_Size

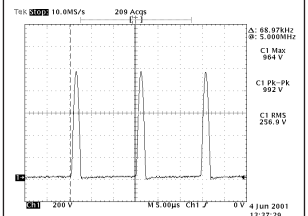

D250 Cothode voltage varies with different H_Size DAC values?
No
Check and replace IC250, IC201.
Yes
IC402 Pin 6 output duty varies with different H_Size DAC values?
No
Check some parts
around IC250, IC201.

5-1-8 Abnormal H_Size

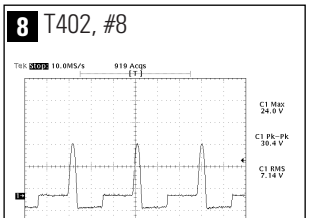


WAVEFORMS

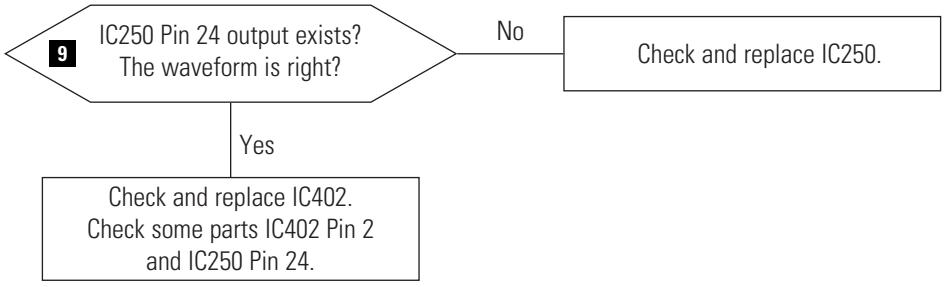
7 Q402, Collector



8 T402, #8

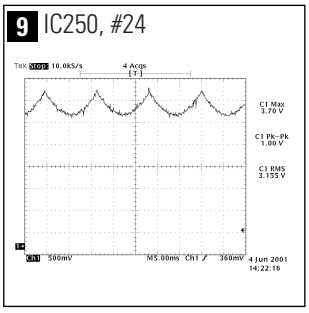


5-1-9 Side Pin or Trap Failure

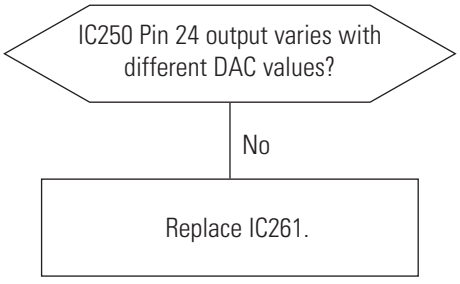

9
IC250 Pin 24 output exists? The waveform is right?
No
Check and replace IC250.
Yes
Check and replace IC402. Check some parts IC402 Pin 2 and IC250 Pin 24.

WAVEFORMS

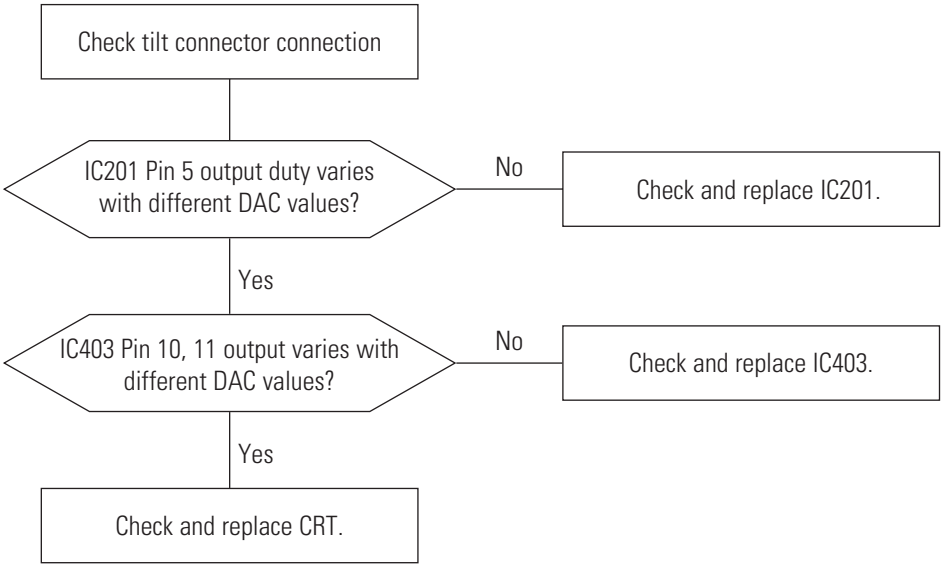
9 IC250, #24



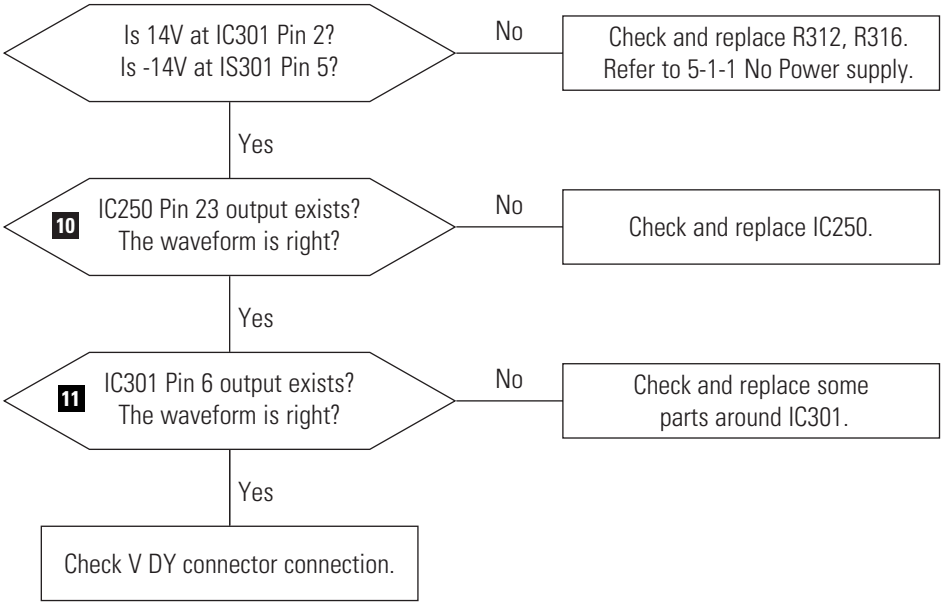
5-1-10 Para. or Pin Balance Failure



5-1-11 Tilt Failure

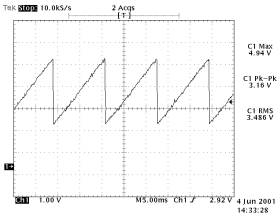

Check tilt connector connection
IC201 Pin 5 output duty varies with different DAC values?
No
Check and replace IC201.
Yes
IC403 Pin 10, 11 output varies with different DAC values?
No
Check and replace IC403.
Yes
Check and replace CRT.

5-1-12 V Deflection Failure

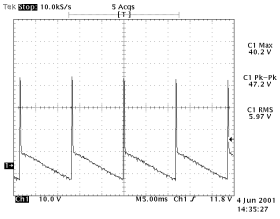


WAVEFORMS

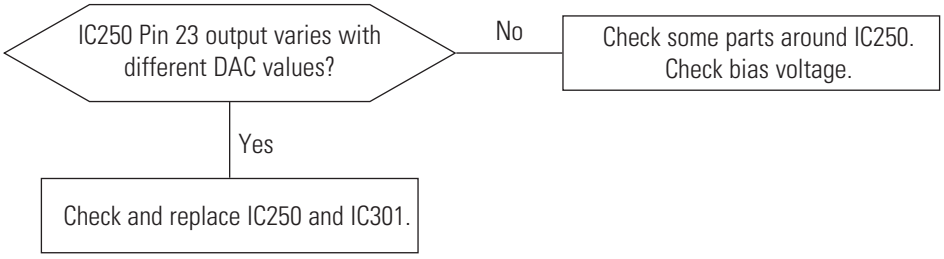
10 IC250, #23



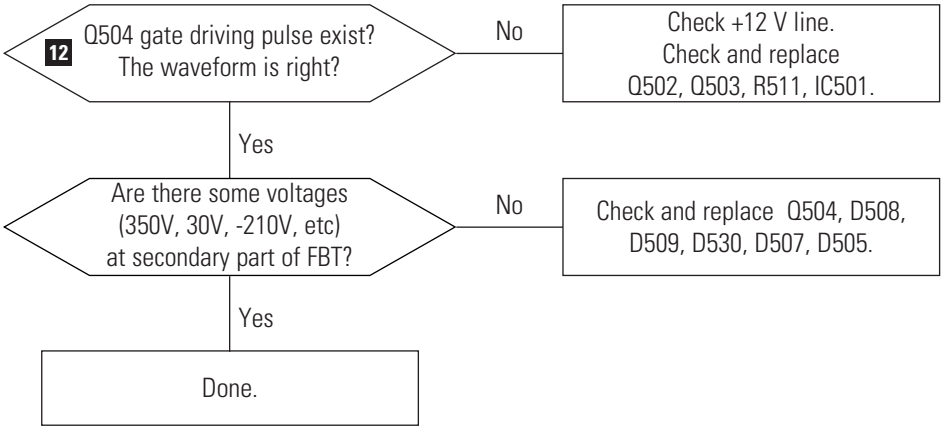
11 IC301, #6



5-1-13 V Size or Pos. Variation Failure

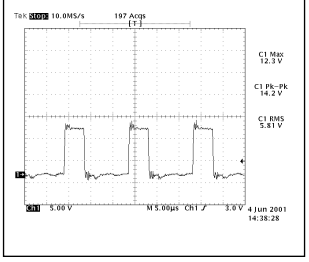

IC250 Pin 23 output varies with different DAC values?
No
Check some parts around IC250. Check bias voltage.
Yes
Check and replace IC250 and IC301.

5-1-14 High Voltage Failure

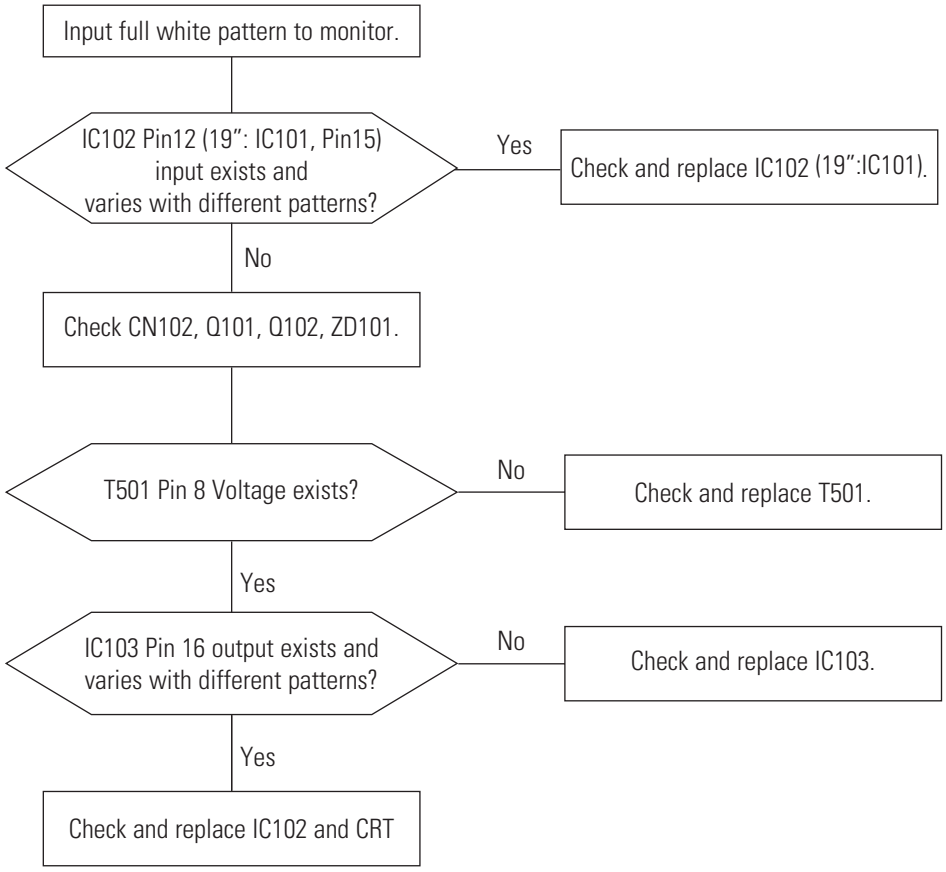

12
Q504 gate driving pulse exist? The waveform is right?
No
Check +12 V line. Check and replace Q502, Q503, R511, IC501.
Yes
Are there some voltages (350V, 30V, -210V, etc) at secondary part of FBT?
No
Check and replace Q504, D508, D509, D530, D507, D505.
Yes
Done.

WAVEFORMS

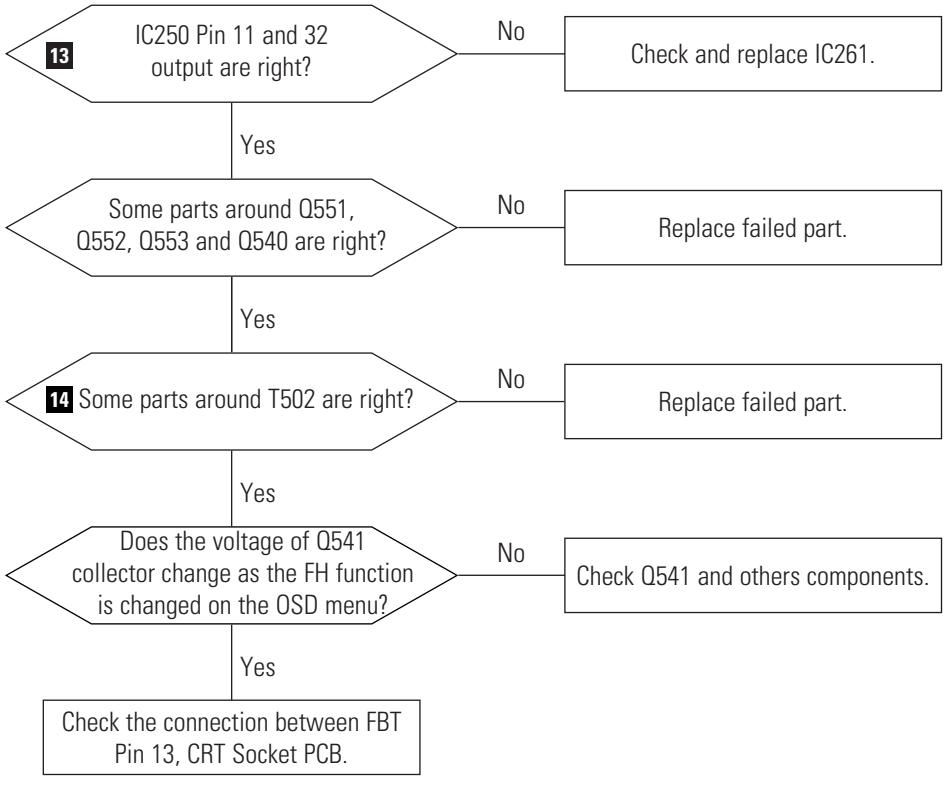
12 Q504, Gate



5-1-15 ABL Failure

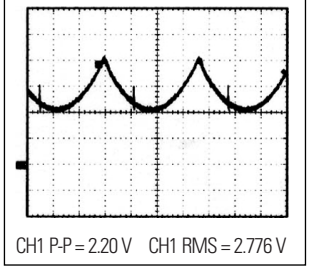

Input full white pattern to monitor.
IC102 Pin12 (19": IC101, Pin15) input exists and varies with different patterns?
Yes
Check and replace IC102 (19":IC101).
No
Check CN102, Q101, Q102, ZD101.
T501 Pin 8 Voltage exists?
No
Check and replace T501.
Yes
IC103 Pin 16 output exists and varies with different patterns?
No
Check and replace IC103.
Yes
Check and replace IC102 and CRT

5-1-16 Focus Failure


13
IC250 Pin 11 and 32 output are right?
No
Check and replace IC261.
Yes
Some parts around Q551, Q552, Q553 and Q540 are right?
No
Replace failed part.
Yes
14
Some parts around T502 are right?
No
Replace failed part.
Yes
Does the voltage of Q541 collector change as the FH function is changed on the OSD menu?
No
Check Q541 and others components.
Yes
Check the connection between FBT Pin 13, CRT Socket PCB.

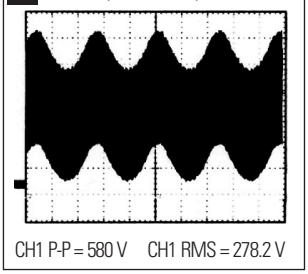
WAVEFORMS

13 2.20 V (IC250, #11, 32)



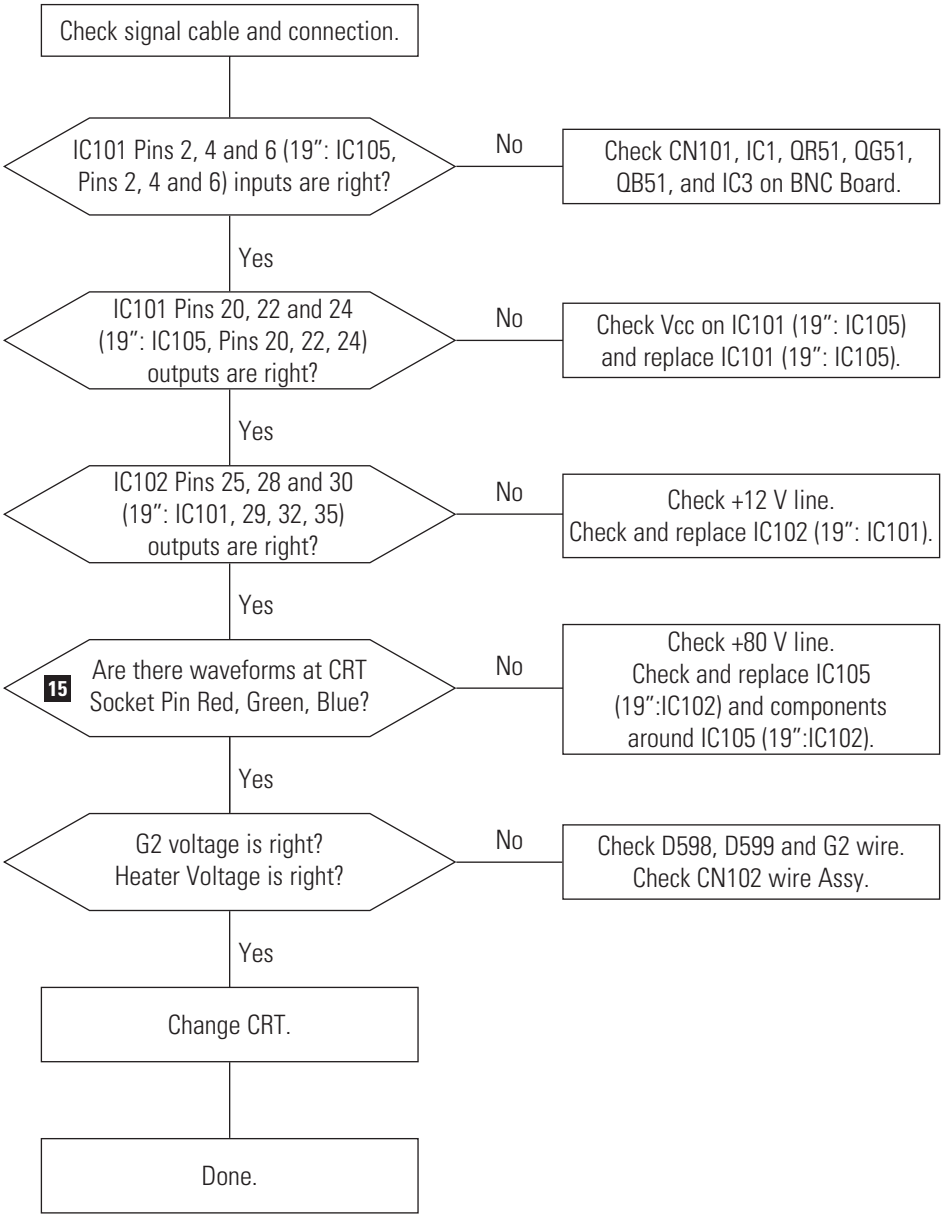
CH1 P-P = 2.20 V CH1 RMS = 2.776 V

14 580 V (T501, #1)



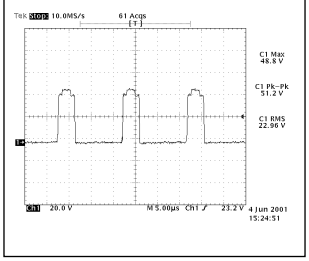
CH1 P-P = 580 V CH1 RMS = 278.2 V

5-1-17 No Video

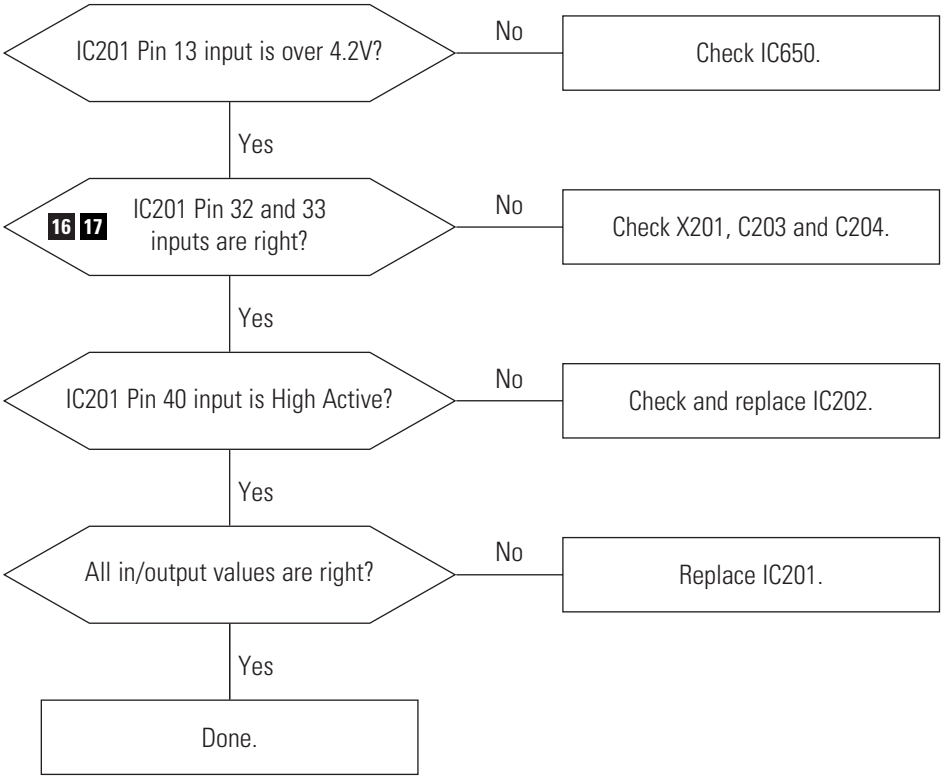

Check signal cable and connection.
IC101 Pins 2, 4 and 6 (19": IC105, Pins 2, 4 and 6) inputs are right?
No
Check CN101, IC1, QR51, QG51, QB51, and IC3 on BNC Board.
Yes
IC101 Pins 20, 22 and 24 (19": IC105, Pins 20, 22, 24) outputs are right?
No
Check Vcc on IC101 (19": IC105) and replace IC101 (19": IC105).
Yes
IC102 Pins 25, 28 and 30 (19": IC101, 29, 32, 35) outputs are right?
No
Check +12 V line. Check and replace IC102 (19": IC101).
Yes
15 Are there waveforms at CRT Socket Pin Red, Green, Blue?
No
Check +80 V line. Check and replace IC105 (19":IC102) and components around IC105 (19":IC102).
Yes
G2 voltage is right? Heater Voltage is right?
No
Check D598, D599 and G2 wire. Check CN102 wire Assy.
Yes
Change CRT.
Done.

WAVEFORMS

15 CRT Socket, Red, Green, Blue

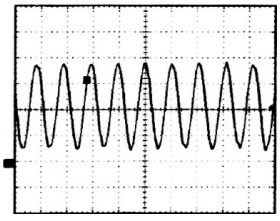


5-1-18 Micom Failure



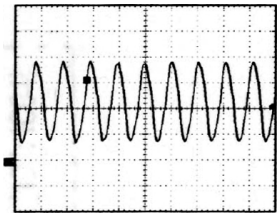
WAVEFORMS

16 3.42 V (IC201, #33)



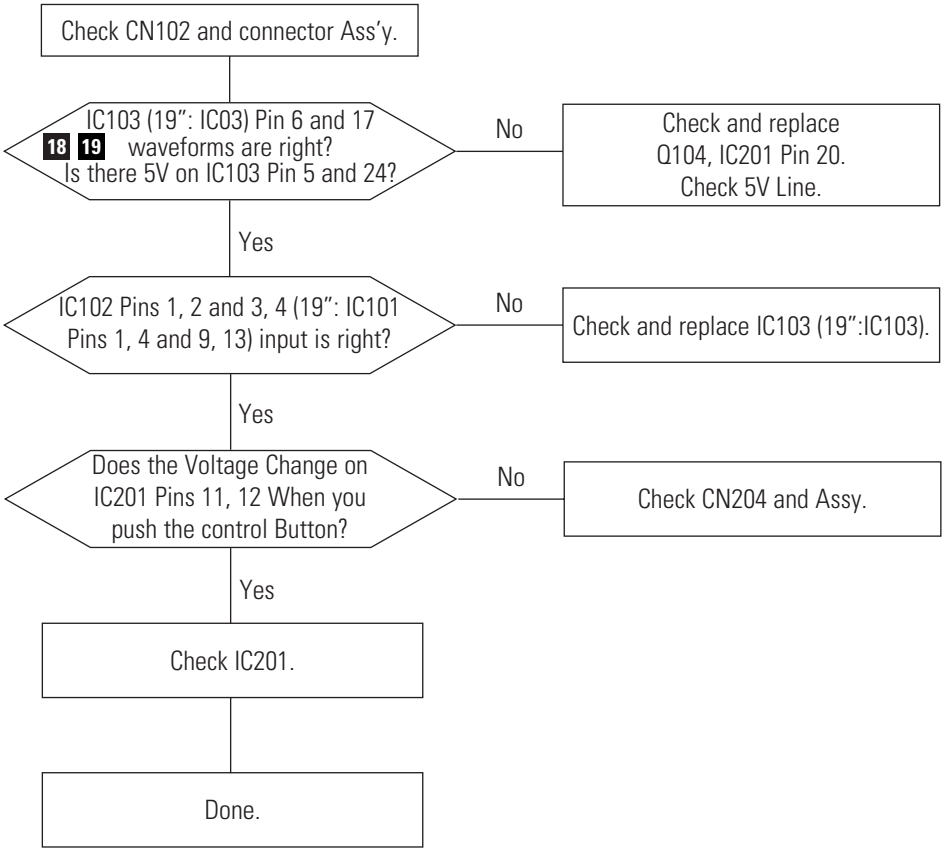
CH1 P-P = 3.42 V CH1 RMS = 2.500V

17 3.16 V (IC201, #32)



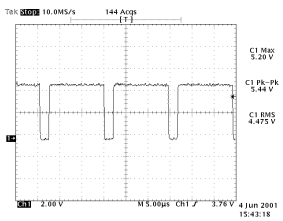
CH1 P-P = 3.16 V CH1 RMS = 2.560 V

5-1-19 OSD Failure

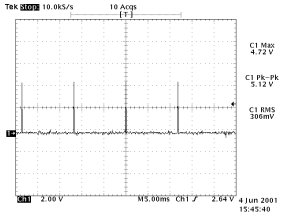

Check CN102 and connector Ass'y.
IC103 (19": IC03) Pin 6 and 17
18 19 waveforms are right?
Is there 5V on IC103 Pin 5 and 24?
No
Check and replace
Q104, IC201 Pin 20.
Check 5V Line.
Yes
IC102 Pins 1, 2 and 3, 4 (19": IC101
Pins 1, 4 and 9, 13) input is right?
No
Check and replace IC103 (19":IC103).
Yes
Does the Voltage Change on
IC201 Pins 11, 12 When you
push the control Button?
No
Check CN204 and Assy.
Yes
Check IC201.
Done.

WAVEFORMS

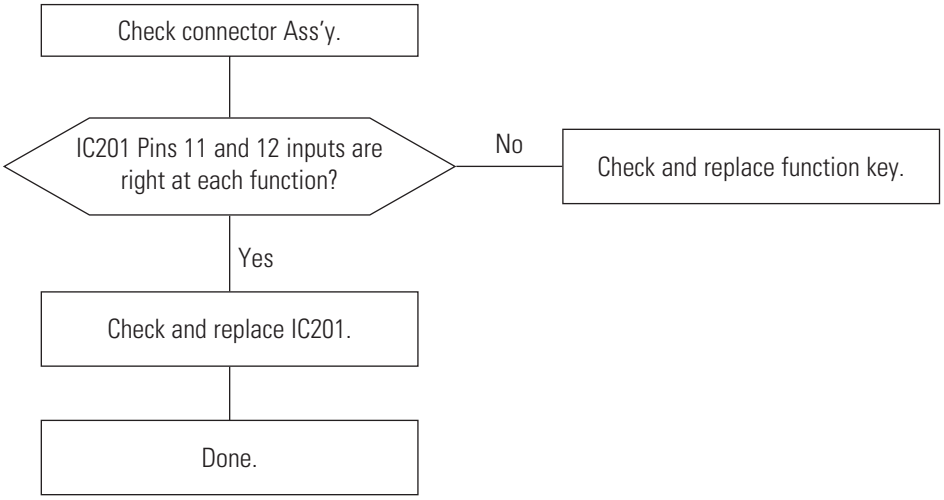
18 IC103, #6, 17



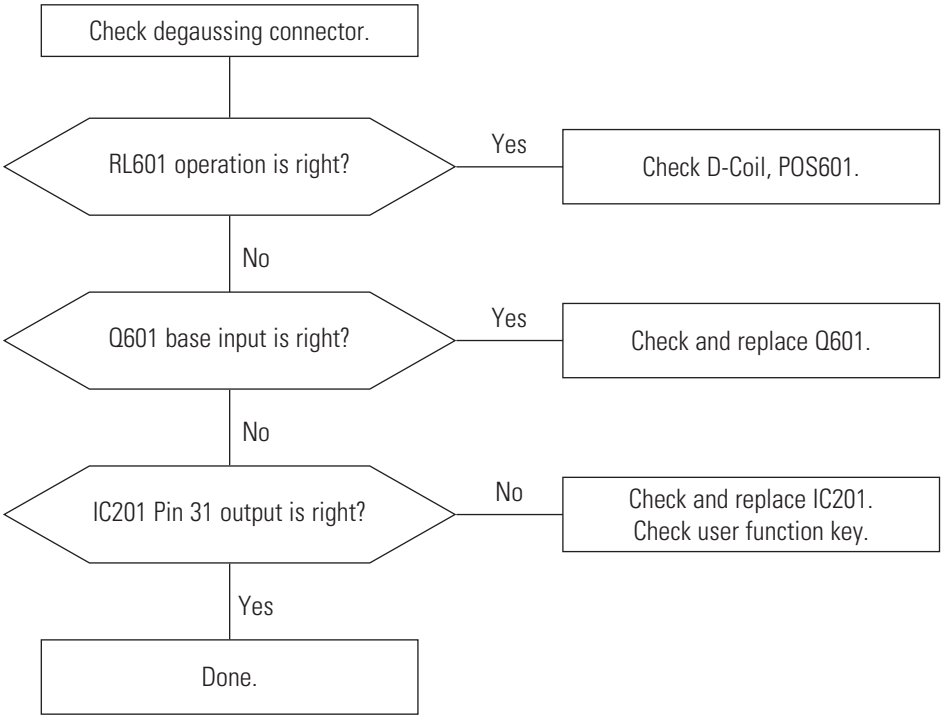
19 IC103, #5, 24



5-1-20 User Control Failure

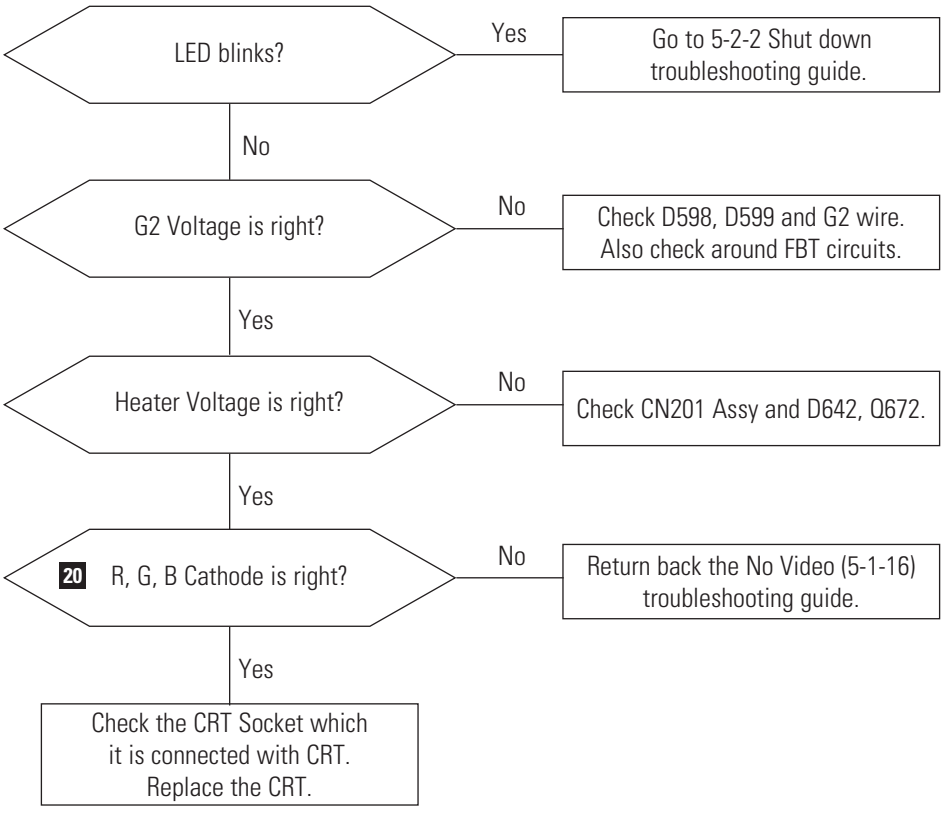


5-1-21 Degaussing Failure



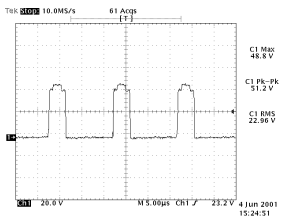
5-2 General Troubleshooting

5-2-1 No Picture

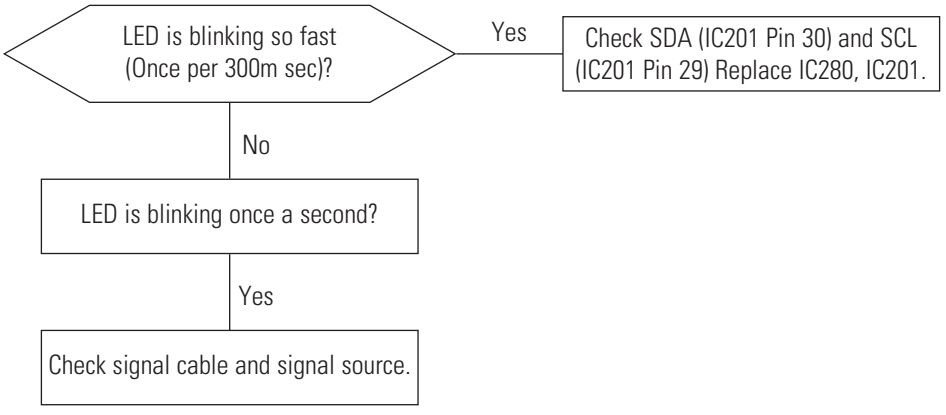

LED blinks?
Yes
Go to 5-2-2 Shut down troubleshooting guide.
No
G2 Voltage is right?
No
Check D598, D599 and G2 wire. Also check around FBT circuits.
Yes
Heater Voltage is right?
No
Check CN201 Assy and D642, Q672.
Yes
20 R, G, B Cathode is right?
No
Return back the No Video (5-1-16) troubleshooting guide.
Yes
Check the CRT Socket which it is connected with CRT. Replace the CRT.

WAVEFORMS

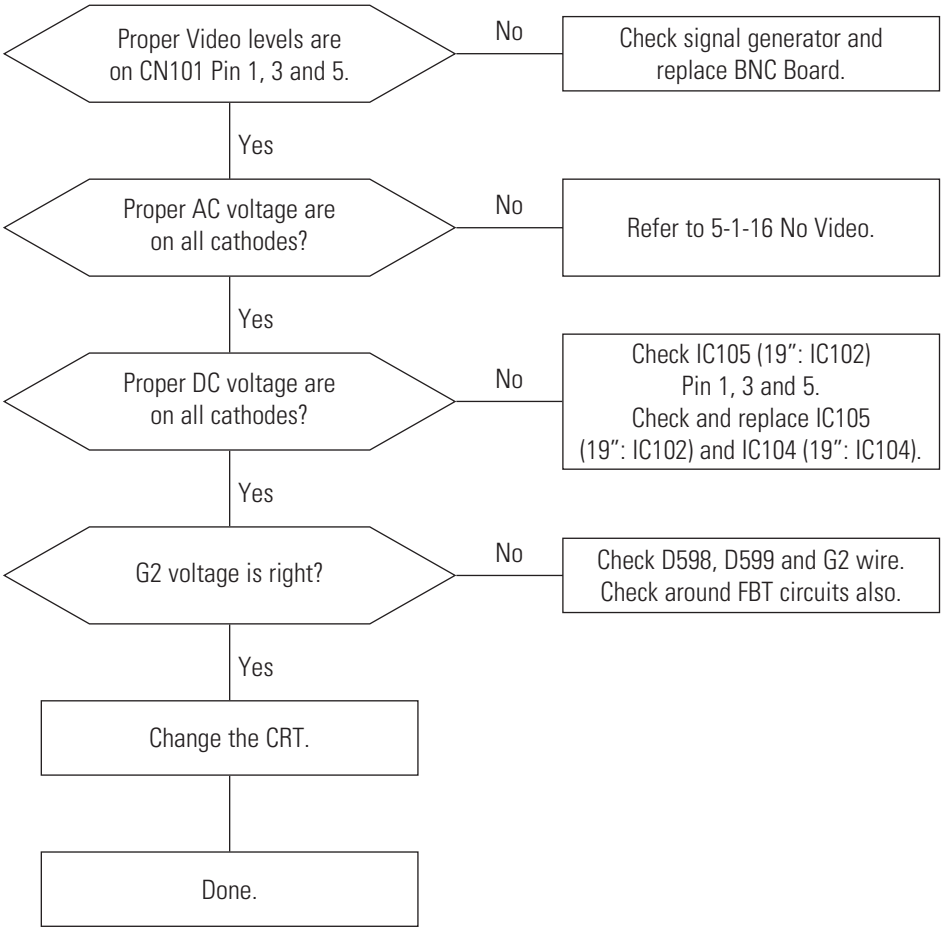
20 R, G, B, Video



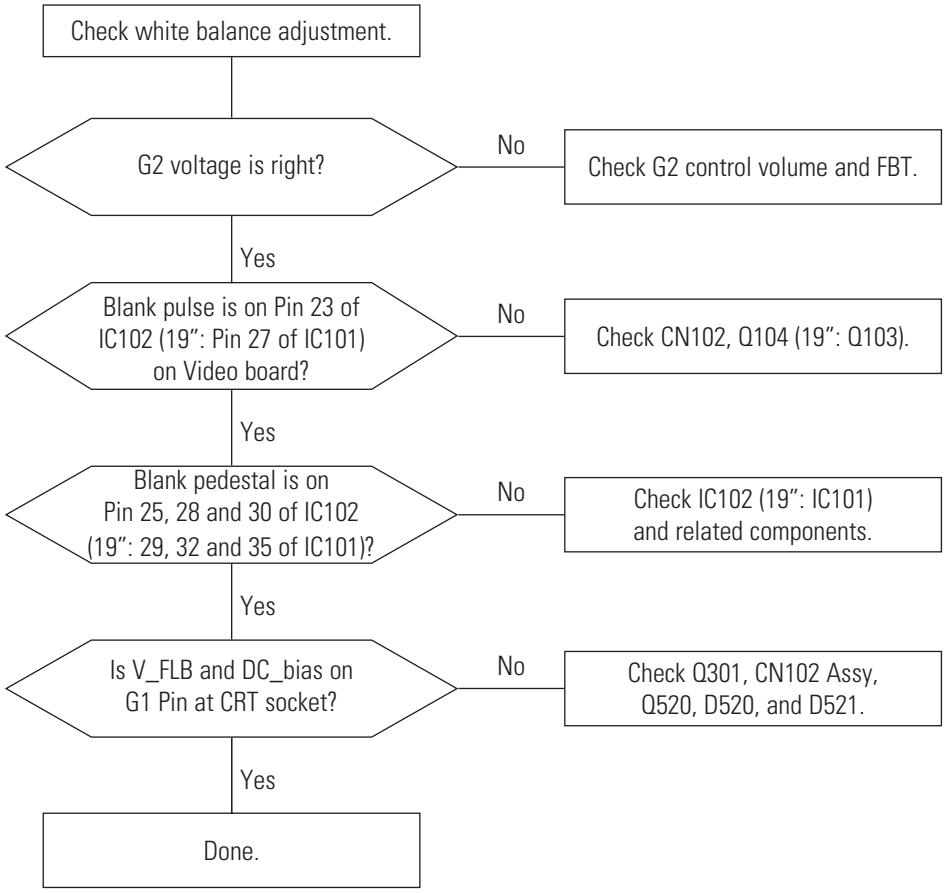
5-2-2 Shut Down


LED is blinking so fast (Once per 300m sec)?
Yes
Check SDA (IC201 Pin 30) and SCL (IC201 Pin 29) Replace IC280, IC201.
No
LED is blinking once a second?
Yes
Check signal cable and signal source.

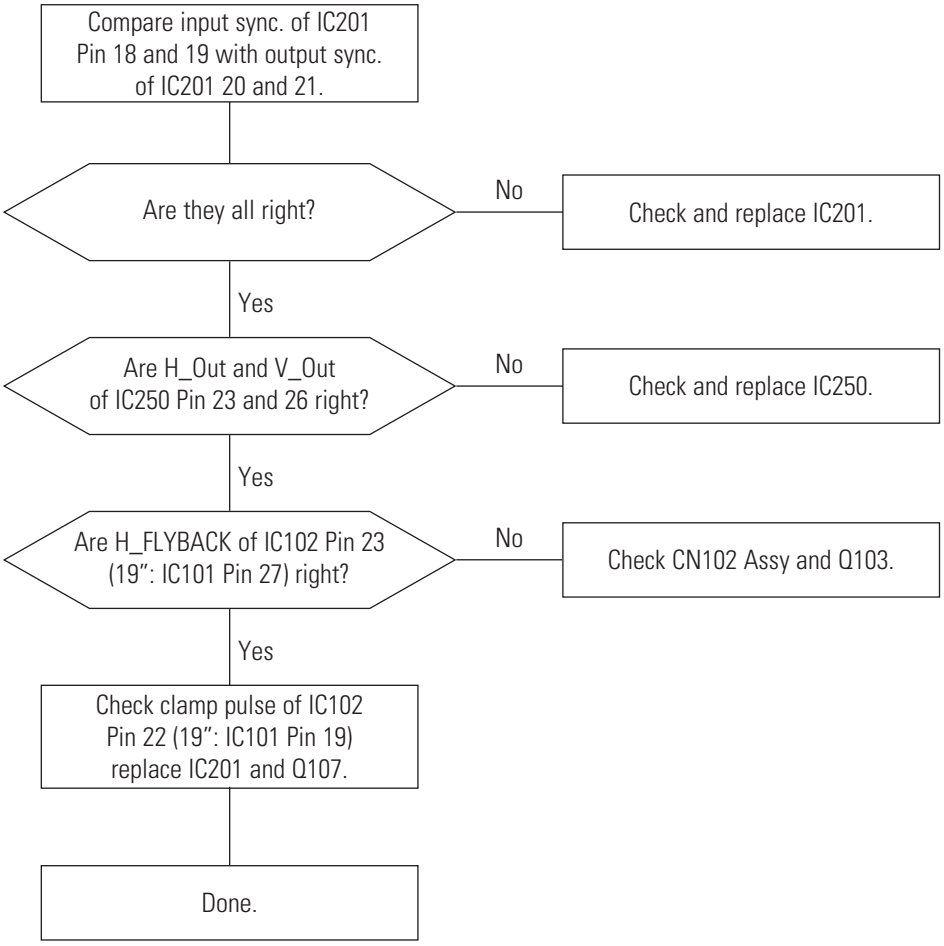
5-2-3 Missing Color


Proper Video levels are on CN101 Pin 1, 3 and 5.
No
Check signal generator and replace BNC Board.
Yes
Proper AC voltage are on all cathodes?
No
Refer to 5-1-16 No Video.
Yes
Proper DC voltage are on all cathodes?
No
Check IC105 (19": IC102) Pin 1, 3 and 5. Check and replace IC105 (19": IC102) and IC104 (19": IC104).
Yes
G2 voltage is right?
No
Check D598, D599 and G2 wire. Check around FBT circuits also.
Yes
Change the CRT.
Done.

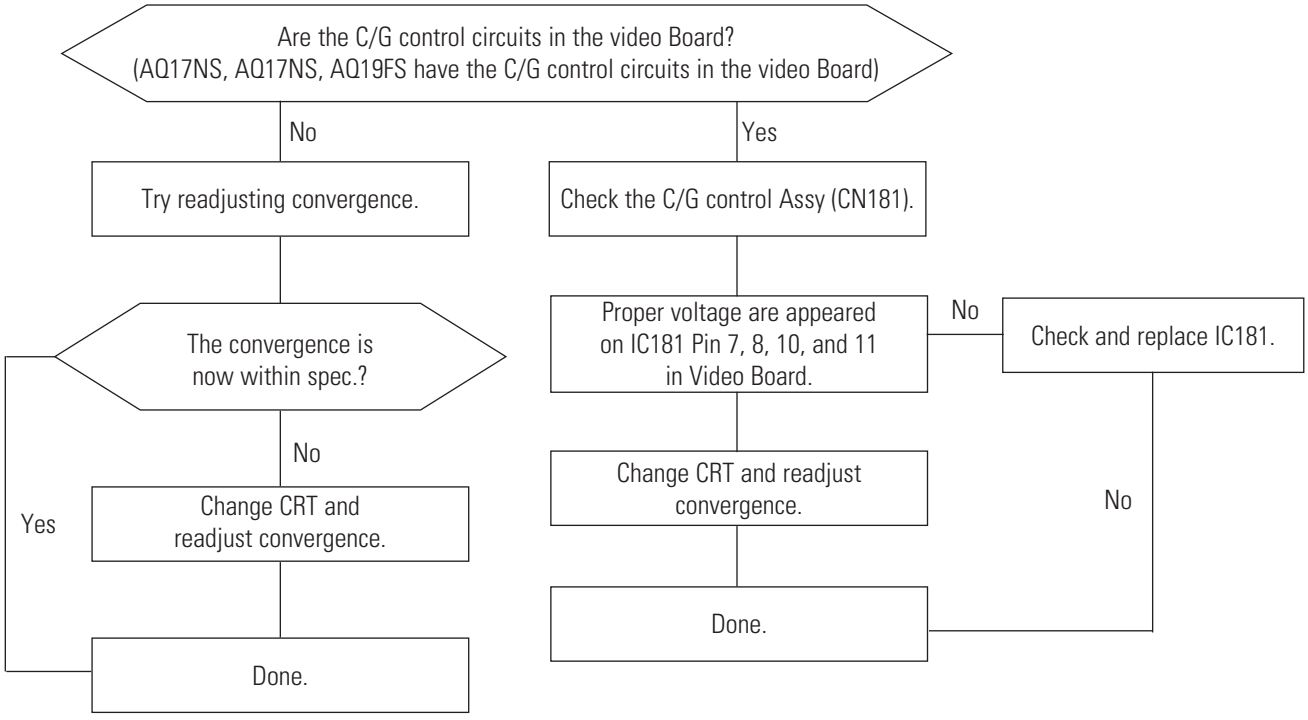
5-2-4 Visible Retrace


Check white balance adjustment.
G2 voltage is right?
No
Check G2 control volume and FBT.
Yes
Blank pulse is on Pin 23 of IC102 (19": Pin 27 of IC101) on Video board?
No
Check CN102, Q104 (19": Q103).
Yes
Blank pedestal is on Pin 25, 28 and 30 of IC102 (19": 29, 32 and 35 of IC101)?
No
Check IC102 (19": IC101) and related components.
Yes
Is V_FLB and DC_bias on G1 Pin at CRT socket?
No
Check Q301, CN102 Assy, Q520, D520, and D521.
Yes
Done.

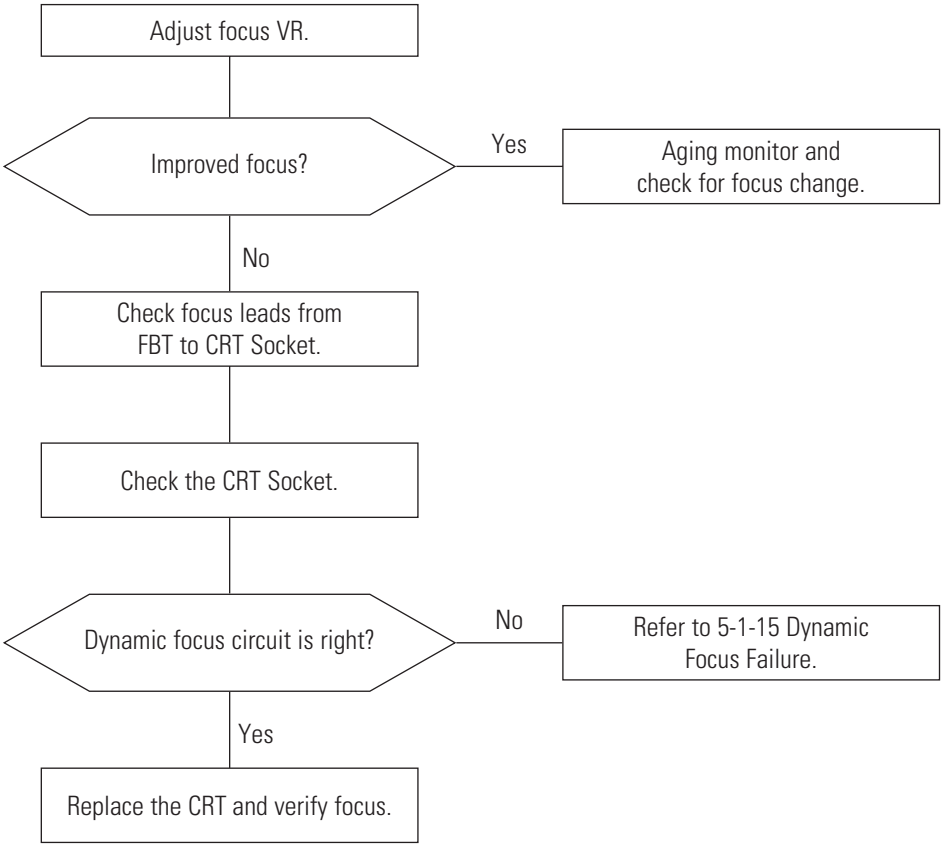
5-2-5 Unsynchronized Image


Compare input sync. of IC201 Pin 18 and 19 with output sync. of IC201 20 and 21.
Are they all right?
No
Check and replace IC201.
Yes
Are H_Out and V_Out of IC250 Pin 23 and 26 right?
No
Check and replace IC250.
Yes
Are H_FLYBACK of IC102 Pin 23 (19": IC101 Pin 27) right?
No
Check CN102 Assy and Q103.
Yes
Check clamp pulse of IC102 Pin 22 (19": IC101 Pin 19) replace IC201 and Q107.
Done.

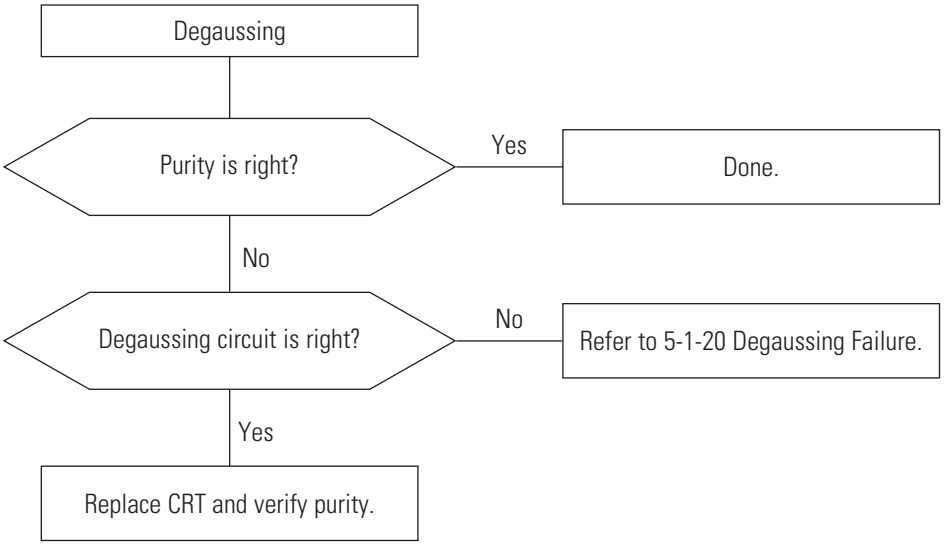
5-2-6 Misconvergence


Are the C/G control circuits in the video Board?
(AQ17NS, AQ17NS, AQ19FS have the C/G control circuits in the video Board)
No
Yes
Try readjusting convergence.
Check the C/G control Assy (CN181).
The convergence is now within spec.?
Proper voltage are appeared on IC181 Pin 7, 8, 10, and 11 in Video Board.
No
Check and replace IC181.
No
Change CRT and readjust convergence.
Yes
Change CRT and readjust convergence.
No
Done.
Done.

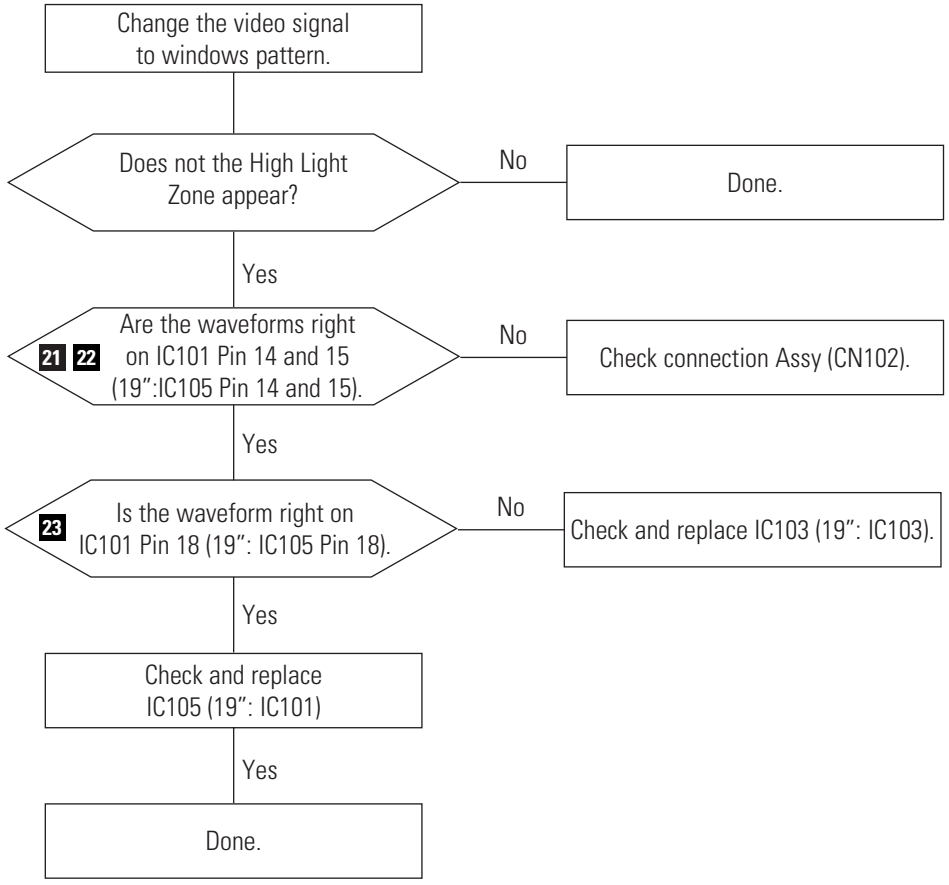
5-2-7 Poor Focus



5-2-8 Purity Failure

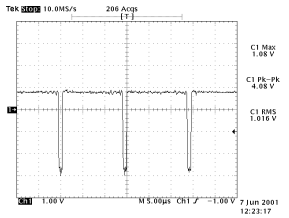


5-2-9 No Operating High Light Zone

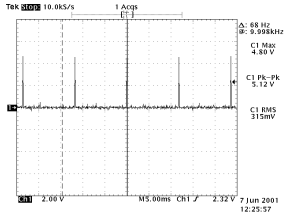


WAVEFORMS

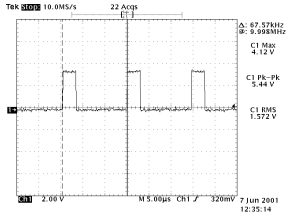
21 IC101, #14, 15



22 IC105, #14, 15



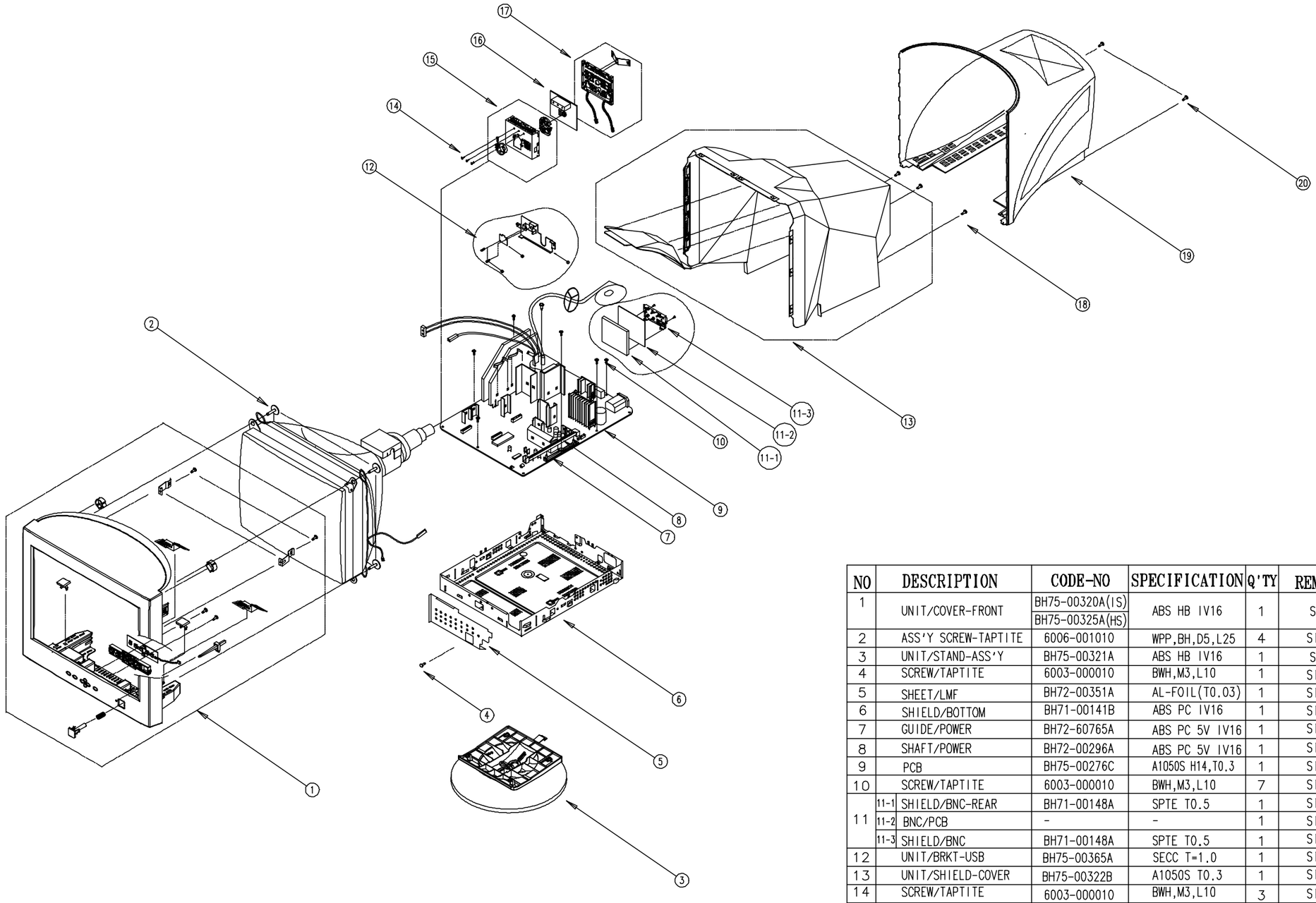
23 IC105, #18



Memo

6 Exploded View and Parts List

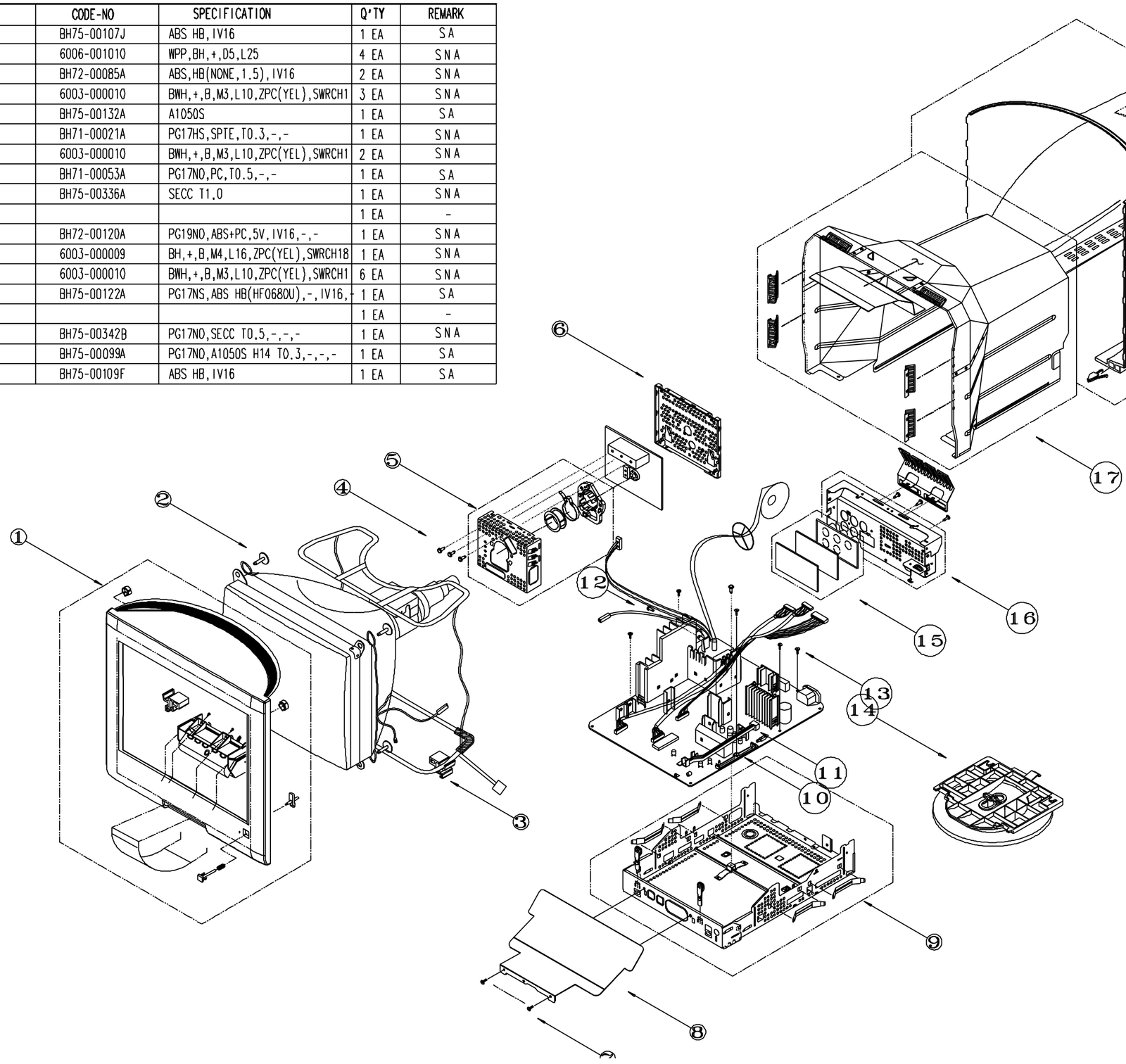
6-1 AQ17HS & AQ17IS



NO	DESCRIPTION	CODE-NO	SPECIFICATION	Q'TY	REMARK
1	UNIT/COVER-FRONT	BH75-00320A(IS) BH75-00325A(HS)	ABS HB IV16	1	SA
2	ASS'Y SCREW-TAPTITE	6006-001010	WPP,BH,D5,L25	4	SNA
3	UNIT/STAND-ASS'Y	BH75-00321A	ABS HB IV16	1	SA
4	SCREW/TAPTITE	6003-000010	BWH,M3,L10	1	SNA
5	SHEET/LMF	BH72-00351A	AL-FOIL(T0.03)	1	SNA
6	SHIELD/BOTTOM	BH71-00141B	ABS PC IV16	1	SNA
7	GUIDE/POWER	BH72-60765A	ABS PC 5V IV16	1	SNA
8	SHAFT/POWER	BH72-00296A	ABS PC 5V IV16	1	SNA
9	PCB	BH75-00276C	A1050S H14,T0.3	1	SNA
10	SCREW/TAPTITE	6003-000010	BWH,M3,L10	7	SNA
11	11-1 SHIELD/BNC-REAR	BH71-00148A	SPTE T0.5	1	SNA
	11-2 BNC/PCB	-	-	1	SNA
	11-3 SHIELD/BNC	BH71-00148A	SPTE T0.5	1	SNA
12	UNIT/BRKT-USB	BH75-00365A	SECC T=1.0	1	SNA
13	UNIT/SHIELD-COVER	BH75-00322B	A1050S T0.3	1	SNA
14	SCREW/TAPTITE	6003-000010	BWH,M3,L10	3	SNA
15	UNIT/SHIELD-VIDEO	BH75-00193A	A1050S T1.0	1	SNA
16	VIDEO/PCB	-	-	1	-
17	UNIT/SHIELD-VIDEO-CAP	BH75-00085B	SPTE T0.2	1	SNA
18	SCREW/TAPTITE	6003-000010	BWH,M3,L10	3	SNA
19	COVER/REAR	BH72-00331A	ABS HB IV16	1	SNA
20	SCREW/TAPTITE	6003-000009	BH,M4,L12	2	SNA

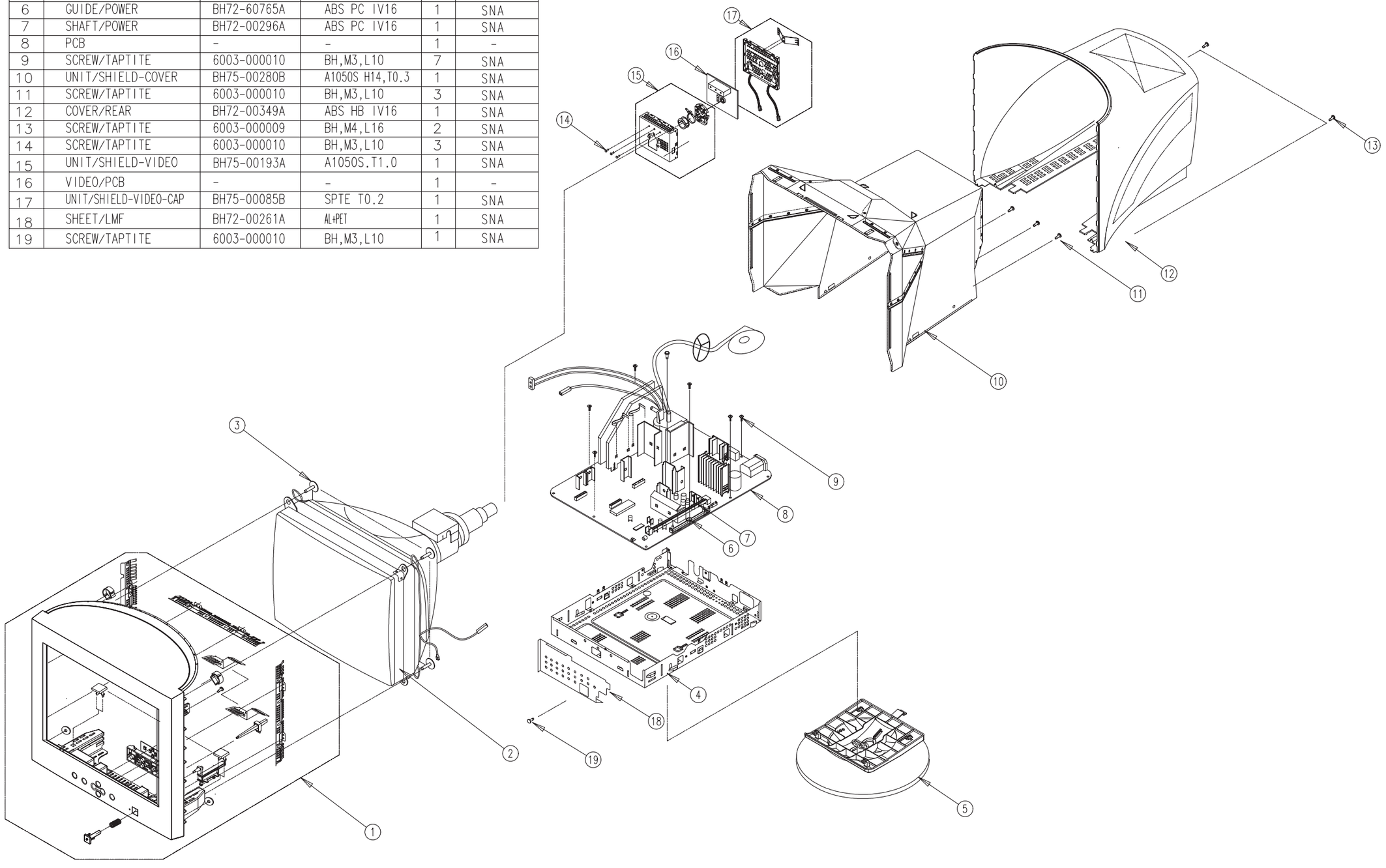
6-2 AQ17NS

NO	DESCRIPTION	CODE-NO	SPECIFICATION	Q'TY	REMARK
1	UNIT/COVER-FRONT	BH75-00107J	ABS HB,IV16	1 EA	SA
2	SCREW-CRT/TAPTITE	6006-001010	WPP,BH,+,D5,L25	4 EA	SNA
3	SUPPORT CDT	BH72-00085A	ABS,HB(NONE,1.5),IV16	2 EA	SNA
4	SCREW TAPTITE	6003-000010	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	3 EA	SNA
5	UNIT/SHIELD-VIDEO	BH75-00132A	A1050S	1 EA	SA
6	SHIELD VIDEO CAP	BH71-00021A	PG17HS,SPTE,T0.3,-,-	1 EA	SNA
7	SCREW TAPTITE	6003-000010	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	2 EA	SNA
8	SHEET LMF	BH71-00053A	PG17NO,PC,T0.5,-,-	1 EA	SA
9	UNIT SHIELD BOTTOM	BH75-00336A	SECC T1.0	1 EA	SNA
10	MAIN-PCB			1 EA	-
11	SHAFT POWER	BH72-00120A	PG19NO,ABS+PC,5V,IV16,-,-	1 EA	SNA
12	SCREW TAPTITE	6003-000009	BH,+,B,M4,L16,ZPC(YEL),SWRCH18	1 EA	SNA
13	SCREW TAPTITE	6003-000010	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	6 EA	SNA
14	UNIT STAND	BH75-00122A	PG17NS,ABS HB(HF0680U),-,IV16,-	1 EA	SA
15	BNC PCB ASS'Y			1 EA	-
16	UNIT SHIELD BNC	BH75-00342B	PG17NO,SECC T0.5,-,-,-	1 EA	SNA
17	UNIT SHIELD COVER	BH75-00099A	PG17NO,A1050S H14 T0.3,-,-,-	1 EA	SA
18	UNIT COVER REAR	BH75-00109F	ABS HB,IV16	1 EA	SA



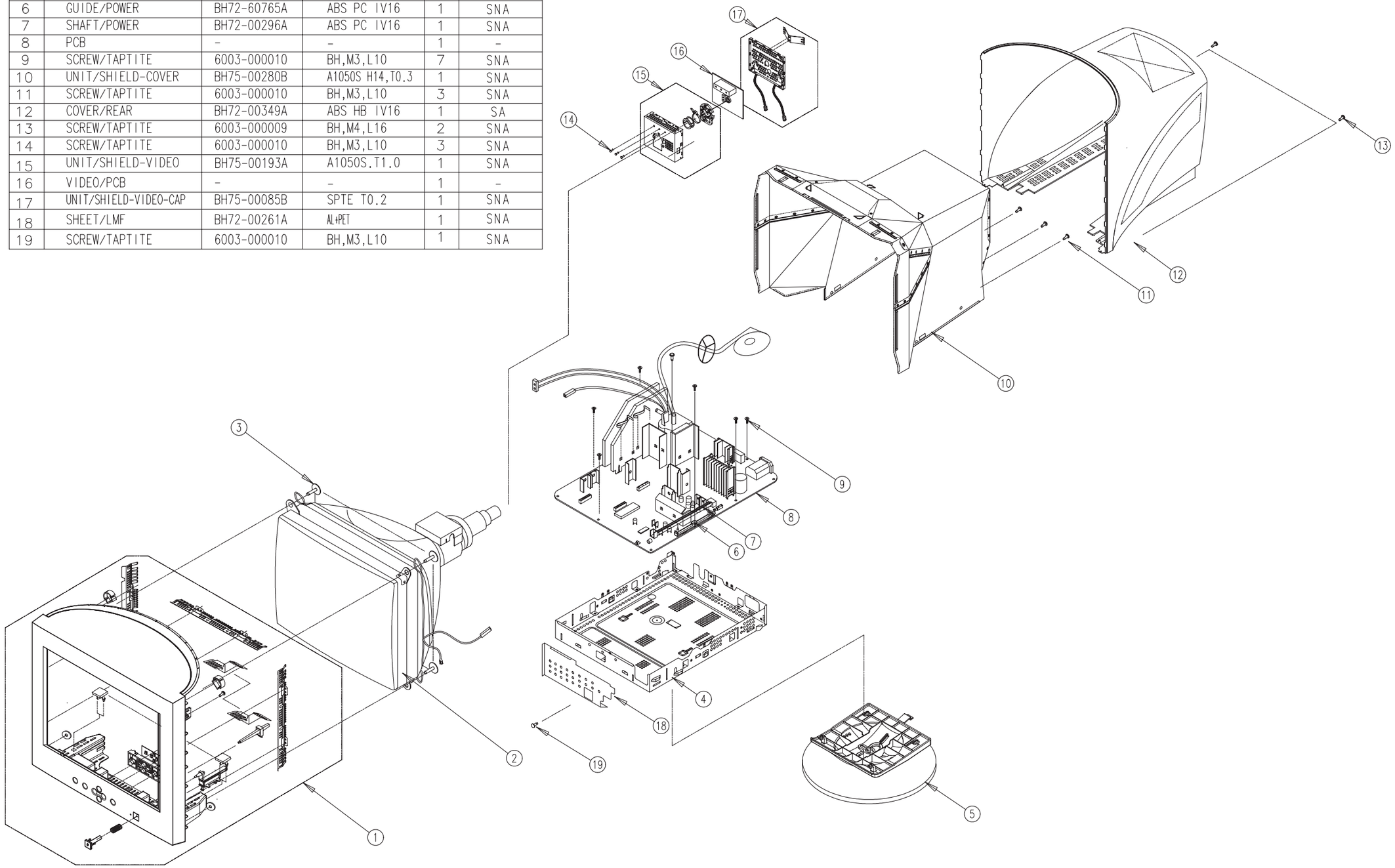
6-3 AQ19MS

NO	DESCRIPTION	CODE-NO	SPECIFICATION	Q'TY	REMARK
1	UNIT/COVER-FRONT	BH75-00326A	ABS HB IV16	1	SA
2	CDT	-	-	1	-
3	SCREW/TAPTITE	6006-000201	BH,M5,L30	4	SNA
4	SHIELD-BOTTOM	BH71-00141A	SECC T1.0	1	SNA
5	UNIT/STAND-ASS'Y	BH75-00335A	ABS HB IV16	1	SA
6	GUIDE/POWER	BH72-60765A	ABS PC IV16	1	SNA
7	SHAFT/POWER	BH72-00296A	ABS PC IV16	1	SNA
8	PCB	-	-	1	-
9	SCREW/TAPTITE	6003-000010	BH,M3,L10	7	SNA
10	UNIT/SHIELD-COVER	BH75-00280B	A1050S H14,T0.3	1	SNA
11	SCREW/TAPTITE	6003-000010	BH,M3,L10	3	SNA
12	COVER/REAR	BH72-00349A	ABS HB IV16	1	SNA
13	SCREW/TAPTITE	6003-000009	BH,M4,L16	2	SNA
14	SCREW/TAPTITE	6003-000010	BH,M3,L10	3	SNA
15	UNIT/SHIELD-VIDEO	BH75-00193A	A1050S.T1.0	1	SNA
16	VIDEO/PCB	-	-	1	-
17	UNIT/SHIELD-VIDEO-CAP	BH75-00085B	SPTE T0.2	1	SNA
18	SHEET/LMF	BH72-00261A	AL+PET	1	SNA
19	SCREW/TAPTITE	6003-000010	BH,M3,L10	1	SNA



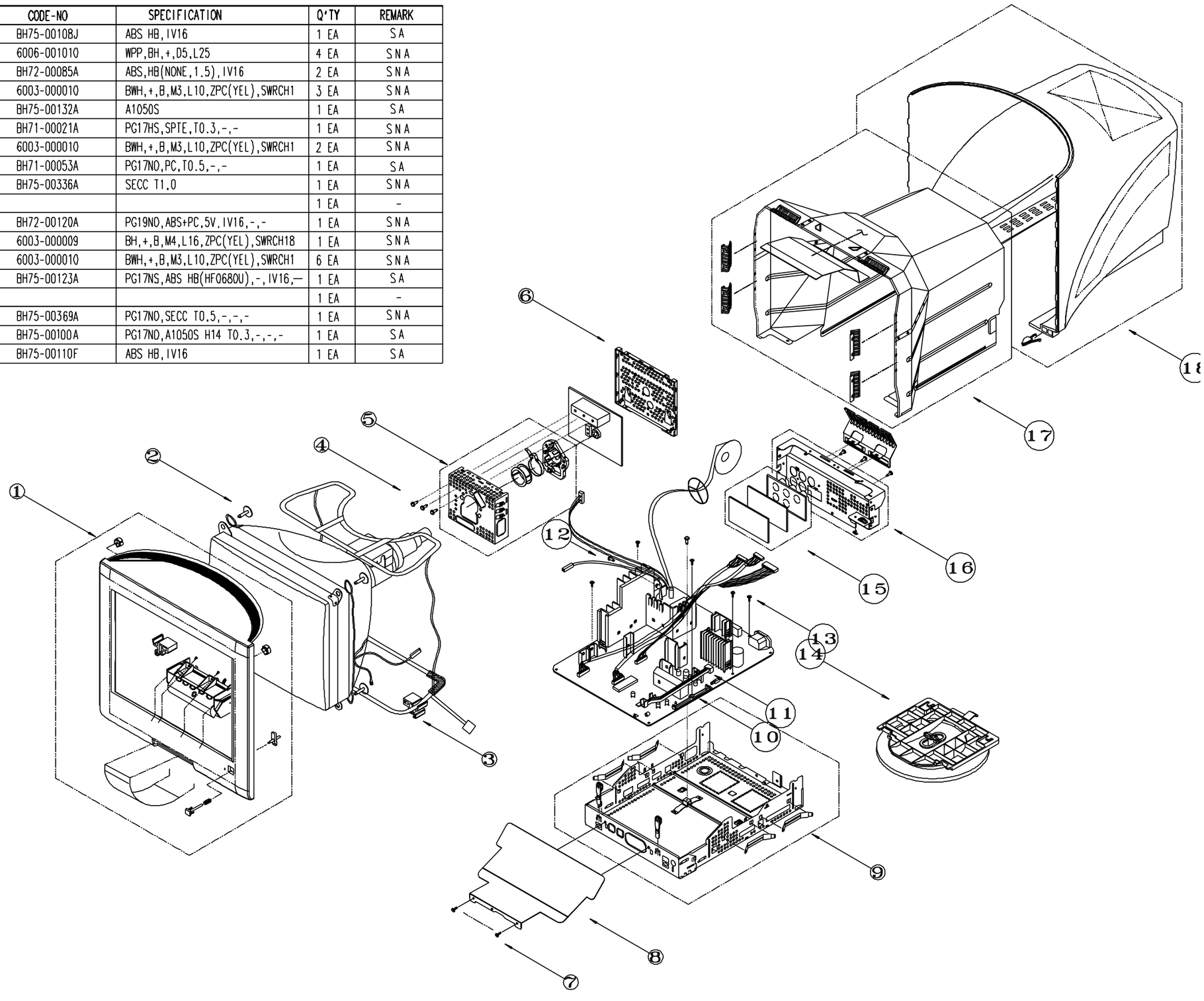
6-4 AQ19IS

NO	DESCRIPTION	CODE-NO(PN1910)	SPECIFICATION	Q'TY	REMARK
1	UNIT/COVER-FRONT	BH75-00341A	ABS HB IV16	1	SA
2	CDT	-	-	1	-
3	SCREW/TAPTITE	6006-000201	BH,M5,L30	4	SNA
4	SHIELD-BOTTOM	BH71-00141A	SECC T1.0	1	SNA
5	UNIT/STAND-ASS'Y	BH75-00335A	ABS HB IV16	1	SA
6	GUIDE/POWER	BH72-60765A	ABS PC IV16	1	SNA
7	SHAFT/POWER	BH72-00296A	ABS PC IV16	1	SNA
8	PCB	-	-	1	-
9	SCREW/TAPTITE	6003-000010	BH,M3,L10	7	SNA
10	UNIT/SHIELD-COVER	BH75-00280B	A1050S H14,T0.3	1	SNA
11	SCREW/TAPTITE	6003-000010	BH,M3,L10	3	SNA
12	COVER/REAR	BH72-00349A	ABS HB IV16	1	SA
13	SCREW/TAPTITE	6003-000009	BH,M4,L16	2	SNA
14	SCREW/TAPTITE	6003-000010	BH,M3,L10	3	SNA
15	UNIT/SHIELD-VIDEO	BH75-00193A	A1050S.T1.0	1	SNA
16	VIDEO/PCB	-	-	1	-
17	UNIT/SHIELD-VIDEO-CAP	BH75-00085B	SPTE T0.2	1	SNA
18	SHEET/LMF	BH72-00261A	AL+PET	1	SNA
19	SCREW/TAPTITE	6003-000010	BH,M3,L10	1	SNA



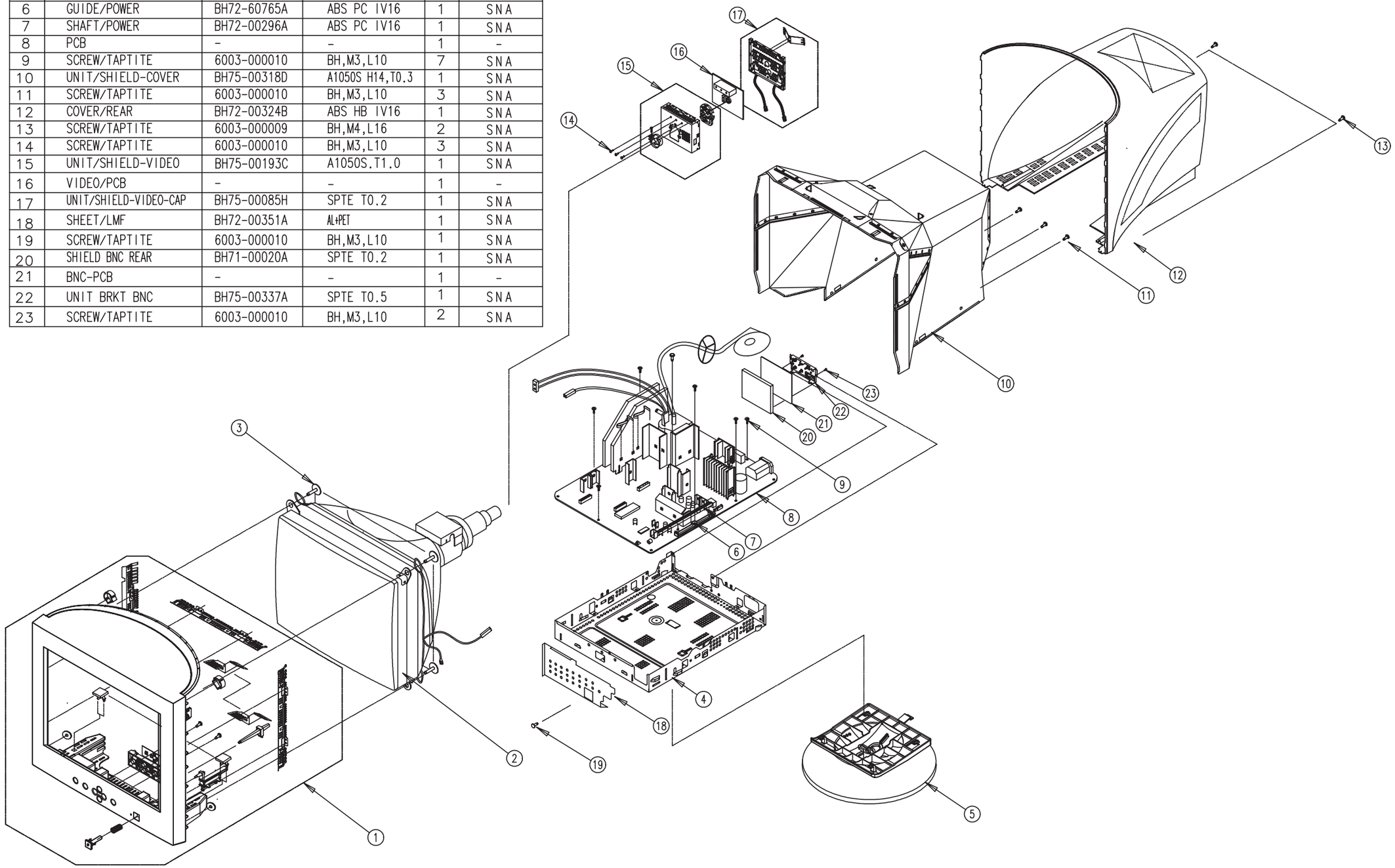
6-5 AQ19NS

NO	DESCRIPTION	CODE-NO	SPECIFICATION	Q'TY	REMARK
1	UNIT/COVER-FRONT	BH75-00108J	ABS HB,IV16	1 EA	SA
2	SCREW-CRT/TAPTITE	6006-001010	WPP,BH,+,D5,L25	4 EA	SNA
3	SUPPORT CDT	BH72-00085A	ABS,HB(NONE,1.5),IV16	2 EA	SNA
4	SCREW TAPTITE	6003-000010	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	3 EA	SNA
5	UNIT/SHIELD-VIDEO	BH75-00132A	A1050S	1 EA	SA
6	SHIELD VIDEO CAP	BH71-00021A	PG17HS,SPTE,T0.3,-,-	1 EA	SNA
7	SCREW TAPTITE	6003-000010	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	2 EA	SNA
8	SHEET LMF	BH71-00053A	PG17NO,PC,T0.5,-,-	1 EA	SA
9	UNIT SHIELD BOTTOM	BH75-00336A	SECC T1.0	1 EA	SNA
10	MAIN-PCB			1 EA	-
11	SHAFT POWER	BH72-00120A	PG19NO,ABS+PC,5V,IV16,-,-	1 EA	SNA
12	SCREW TAPTITE	6003-000009	BH,+,B,M4,L16,ZPC(YEL),SWRCH18	1 EA	SNA
13	SCREW TAPTITE	6003-000010	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	6 EA	SNA
14	UNIT STAND	BH75-00123A	PG17NS,ABS HB(HF0680U),-,IV16,—	1 EA	SA
15	BNC PCB ASS'Y			1 EA	-
16	UNIT SHIELD BNC	BH75-00369A	PG17NO,SECC T0.5,-,-,-	1 EA	SNA
17	UNIT SHIELD COVER	BH75-00100A	PG17NO,A1050S H14 T0.3,-,-,-	1 EA	SA
18	UNIT COVER REAR	BH75-00110F	ABS HB,IV16	1 EA	SA



6-6 AQ19FS

NO	DESCRIPTION	CODE-NO(PN1910)	SPECIFICATION	Q'TY	REMARK
1	UNIT/COVER-FRONT	BH75-00315A	ABS HB IV16	1	SA
2	CDT	-	-	1	-
3	SCREW/TAPTITE	6006-000201	BH,M5,L30	4	SNA
4	SHIELD-BOTTOM	BH71-00141B	SECC T1.0	1	SNA
5	UNIT/STAND-ASS'Y	BH75-00316A	ABS HB IV16	1	SA
6	GUIDE/POWER	BH72-60765A	ABS PC IV16	1	SNA
7	SHAFT/POWER	BH72-00296A	ABS PC IV16	1	SNA
8	PCB	-	-	1	-
9	SCREW/TAPTITE	6003-000010	BH,M3,L10	7	SNA
10	UNIT/SHIELD-COVER	BH75-00318D	A1050S H14,T0.3	1	SNA
11	SCREW/TAPTITE	6003-000010	BH,M3,L10	3	SNA
12	COVER/REAR	BH72-00324B	ABS HB IV16	1	SNA
13	SCREW/TAPTITE	6003-000009	BH,M4,L16	2	SNA
14	SCREW/TAPTITE	6003-000010	BH,M3,L10	3	SNA
15	UNIT/SHIELD-VIDEO	BH75-00193C	A1050S.T1.0	1	SNA
16	VIDEO/PCB	-	-	1	-
17	UNIT/SHIELD-VIDEO-CAP	BH75-00085H	SPTE T0.2	1	SNA
18	SHEET/LMF	BH72-00351A	AL+PET	1	SNA
19	SCREW/TAPTITE	6003-000010	BH,M3,L10	1	SNA
20	SHIELD BNC REAR	BH71-00020A	SPTE T0.2	1	SNA
21	BNC-PCB	-	-	1	-
22	UNIT BRKT BNC	BH75-00337A	SPTE T0.5	1	SNA
23	SCREW/TAPTITE	6003-000010	BH,M3,L10	2	SNA



7 Electrical Parts List

7-1-1 AQ17** Main PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
C416	2306-000147	C-FILM,MPPF	1uF,5%,250V,BK,26x24x15,22.5mm	
C602	2305-001049	C-FILM,MPEF	1000nF,10%,275V,BK,31x23x13mm,27.5	⚠
C607	2401-003391	C-AL	220uF,20%,450V,GP,BK,25x50,10	
C701	2301-001314	C-FILM,MPPF	470NF,10%,275V,BK,25X11.5X21MM,22.5	
CIS	6501-000004	CABLE TIE	DA-80,T1,W2.5,L80,NTR,NYLON66	SNA
CIS	BH72-60765A	GUIDE-POWER	CSM92*,ABS+PC,5V,IV16,T3,-	SNA
CIS	BH68-00001A	LABEL/MARK-CDT	ART-PAPER 100G,-,WHT,BLK,-,ALL,CDT	SNA
CIS	BH46-00003H	MICOM-S/W,AQUILA	AQUILA17,-,-,-,-,-,-	SNA
CIS	BH73-60304C	RUBBER-SUPPORT	DP15LT,CR V0,GRAY,-,14*7*10,-,-	SNA
CIS	BH72-00296A	SHAFT-POWER	PN19LT,ABS+PC,IV16,-,5V,-,-,-	SNA
CIS	BH72-00351A	SHEET-LMF	AQ19FS,AL+PET,-,-,-,-,-,-	SNA
CIS	BH71-00141B	SHIELD-BOTTOM	AQ19FS,SECC ,T1.0,-,DELL,-	SNA
CIS	0202-001046	SOLDER-WIRE FLUX	CF-110VH-2A,-,-,-,-	SNA
CIS	0202-001172	SOLDER-WIRE FLUX	RS-107,RS60,D1.2,SN60/PB40,-	SNA
CIS	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0203-001199	TAPE-KRAFT	#53110,T0.1,W6,L2000M,BRN	SNA
CIS	0203-001200	TAPE-PAPER	#53128,T0.15,W5.5,L2000M,BEIGE	SNA
CIS	0203-001201	TAPE-PAPER	#FB-300,T0.16,W6,L2000M,R/BLU	SNA
CIS	0204-001095	THINNER	#4520,-,-,-	SNA
CN201	3711-004352	CONNECTOR-HEADER	BOX,15P,1R,2MM,STRAIGHT,SN	SNA
CN201_ASSY	BH39-00060A	CBF-HARNESS	15P/15P,180MM,WHT/BLU/RED/BLK,UL1007,AWG26,SMH200-15	
CN202	3711-004351	CONNECTOR-HEADER	NOWALL,16P,1R,2.54MM,STRAIGHT,SN	SNA
CN204	3711-004379	CONNECTOR-HEADER	BOX,4P,1R,2MM,STRAIGHT,SN	SNA
CN205	3711-004484	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SNA
CN205_ASSY	BH39-00362A	WIRE HARNESS	AQ19FS,UL1007#26,UL/CSA,5P/5P,320MM,WHT,AWG26,SMH200-05,-,-,-,-,-,-,-	
CN211	3711-004484	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SNA
CN211+CN212	BH39-00368A	CBF HARNESS	AQ17IS,U2464#26-4C,U2464,80°C,300V,5P/5P,240MM,BLK,26AWG*4,SMH200-05,SMH200-05,B	
CN212	3711-004484	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SNA
CN401	3711-003989	CONNECTOR-HEADER	NOWALL,4P,1R,8mm,STRAIGHT,SN	SNA
CORE_FBT	3301-000130	CORE-FERRITE	AC,23.5x9.4x12.6mm,1500,2800G	SNA
D402	0402-001441	DIODE-RECTIFIER	-,40V,3A,DO-201AD,BK	⚠
D505	0402-001295	DIODE-RECTIFIER	GUR460L-5700,600V,4A,DO-201AD,BK	
D507	0402-001295	DIODE-RECTIFIER	GUR460L-5700,600V,4A,DO-201AD,BK	
D601	0402-001227	DIODE-BRIDGE	D3SBA60,600V,2.3A,SIP-4,BK	⚠
D647	0402-000250	DIODE-RECTIFIER	RG4C,1000V,1A,-	⚠
EY599	BH39-00232A	CBF-HARNESS	DP17M0,UL1032,UL/CSA,1P,290MM,RED,AWG22,YHF800-1,-,-,-,-,-,-,-,CBF-CONN ASS'Y	
FG601	3601-000455	FUSE-CARTRIDGE	250V,4A,TIME-LAG,CERAMIC,5.2x20mm	⚠
HS301	6502-000132	CABLE CLAMP	DAWS-1NE,ID11,L21.0,NTR,NYLON66	SNA
HS402_1	6502-000135	CABLE CLAMP	DAWS-2NA,ID10,-,NTR,NYLON66	SNA
HS504	6502-000001	CABLE CLAMP	DAWH-5NB,D15,L35,NTR,NYLON66	SNA
IC201	0903-001237	IC-MICROCONTROLLER	ST72774,8BIT,DIP,42P,-,24MHZ,ST,HCMOS,PLASTIC,5.5V,-,0TO+70C,1KB,60KB,8BIT,-,IC-	SNA
IC201_SOCKET	3704-001071	SOCKET-IC	42P,DIP,SN,1.778mm	
IC250	1204-001697	IC-DEF. PROCESSOR	TDA9112,DIP,32P,350MIL,PLASTIC,13.2V,-,0to+70C,ST,DEF.PROCESSOR	
IC403	BH13-00009A	IC-H/V CONVERGENCE	PG17/19,AN5452,SIP,12P,H/V CONVERGENCE,-,1171MW	
IC620	0604-001018	PHOTO-COUPLER	DAR-TR,63-125%,200mW,DIP-4,ST	⚠ SNA
JW01	BH39-40306D	CBF-HARNESS	,80MM,BLK,1015,AWG22,-,-,-,-,-	
L402	BH27-20345J	COIL-HORIZ.CENTER	-,3.5mH,-,OB6*30-1HHA,-,-,-,-,6.0ohm,-,-,-,BULK	
L403	BH26-00001A	TRANS-H.LINEARITY	-,-,5P,-,-,5.0UH/47.5MH,-, ,-,19.0,-,YL-81,DR1420,C:6.0,-,-,BULK,-	
L503	BH27-00037A	COIL-CHOKE	3.5uH,+/-10%,12*15,BULK,-,-	
L601	BH27-00025A	COIL-LINE FILTER	-,24.0mH,-,SQE-2828,65.5Ts,PHENOLIC,-,-,0.20 ohm,-,-,-,BK	
L701	BH27-00053A	COIL CHOKE	TO-2012,195uH,-,20.20*12.57*6.35,65Ts,PHENOLIC,-,-,0.08ohm,17.0*32.0*10.0,-,-,-	

Loc. No.	Code No.	Description	Specification	Remarks
LC601	2901-001173	FILTER-EMI AC LINE	250V,3A,UL/CSA/TUV/SEMKO,2200pF,32x39.7x23.4mm,BK,-	⚠
M/PCB+SH/BTM	6003-000010	SCREW-TAPTITE	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
OP1	0601-001147	LED	ROUND,GRN,4.75mm,565nm	SNA
POS601	1404-000002	THERMISTOR-PTC	9ohm,20%,-,-,TR,RECT,-	
Q401	0505-001357	FET-SILICON	SKS4N20,N,200V,3A,1.3OHM,27W,TO-220F	
Q407	0505-001305	FET-SILICON	SKS10N20,N,200V,6.9A,0.36OHM,39W,TO-220F	
R400	2003-000473	R-METAL OXIDE(S)	10ohm,5%,3W,AA,TP,6x16mm	
R407	2003-000423	R-METAL OXIDE(S)	1.2ohm,5%,3W,AA,TP,6x16mm	
R516	2006-001066	R-CEMENT	33OHM,5%,7W,CS,BK,9X10X54MM	
R608	2003-000756	R-METAL OXIDE(S)	33OHM,5%,7W,CS,BK,9X10X54MM	
RL601	3501-001111	RELAY-POWER	12Vdc,250mW,5A,1FormA,15mS,5mS	⚠
SH/BNC+SH/BTM	6003-000010	SCREW-TAPTITE	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
SH/LMF+SH/BTM	6003-000010	SCREW-TAPTITE	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
SW1	3403-001116	SWITCH-PUSH	30VDC,0.1A,2C2P,SELF LOCK,-	
T401	BH26-00094A	TRANS HORIZ.DRIVE	EI-2218,PIN19,8P,2.5mH,-,-,78uH,-,-,0.6ohm/0.12ohm,-,PL3,DMR30,EI-2218,18.0uH,,-	⚠
T402	BH26-00093A	TRANS-H-.PULSE	EI-2820,PIN19,10P,1.5mH,-,-,130uH,-,-,1.2ohm/0.32ohm,-,PL3,DMR30,EI-2820,70uH MAX	⚠
T501	BH26-00131A	TRANS FBT	FQM21A010,AQ19IS,80.0UH,SM-19C,FUR3757(SM19C),0.145,76.5V,15P,-10~ +50,BK,27KV	⚠
T502	BH26-00086A	TRANS-FOCUS	EE1916,-,5P,1.7mH MIN,-,-,255mH MIN,-,-,0.85ohm/32.0ohm,-,EE1916(PL3,SL-2),EE19*	⚠
T601	BH26-00128A	TRANS POWER	ER-3942(18P),AQ17IS,130UH,18P,AC90 ~240V,-,-,-,-,-,PL3,DMR30,EER 39*42,0.1OHM MA	
T620	BH26-30302S	TRANS-SYNC.	-,-,-,-,-,3-1(250UH),4-6(250UH,-,-,-,0.13OHM,-,SB-5S,UU1116,-,-,-,B,-	⚠
T701	BH27-00081A	COIL-PFC	EER-2828,135uH,10%,EER2828(PL3,J2A-1),USTC0.25*932Ts,PHELOLIC,-, GREEN COLOR TAP	
TH601	1404-001076	THERMISTOR-NTC	8ohm,15%,-,17mW/C,TP	⚠
VR401	2103-001049	VR-SEMI	100ohm,30%,1/5W,SIDE	
BD201	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD280	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD401	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD532	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD602	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD603	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD604	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD651	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD652	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD653	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
C201	2201-000119	C-CERAMIC,DISC	100nF,+80-20%,50V,Y5V,TP,8x3,5	
C202	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C203	2201-000389	C-CERAMIC,DISC	0.022nF,5%,50V,NP0,TP,5x3,5	
C204	2201-000389	C-CERAMIC,DISC	0.022nF,5%,50V,NP0,TP,5x3,5	
C208	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C209	2401-000603	C-AL	1uF,20%,50V,GP,TP,5x11,5	
C210	2401-001509	C-AL	47uF,20%,16V,GP,TP,5x7mm,5	
C211	2201-000017	C-CERAMIC,DISC	1nF,10%,50V,Y5P,TP,5x3.5,5	
C212	2201-000144	C-CERAMIC,DISC	0.1nF,5%,50V,NP0,TP,8.5x3,5	
C213	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C214	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C216	2202-002008	C-CERAMIC,MLC-AXIAL	10nF,+80-20%,50V,Y5V,TP,2.3X3.	
C220	2401-001281	C-AL	4.7uF,20%,50V,WT,TP,5x11,5	
C250	2202-000654	C-CERAMIC,MLC-RADIAL	100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5	
C251	2301-000148	C-FILM,PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	
C252	2202-002149	C-CERAMIC,MLC-RADIAL	0.82NF,2%,50V,NPO,TP,5.1X3.2X6.4MM,5	
C253	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,TP,7x3,2.5	
C254	2401-002075	C-AL	4.7uF,20%,50V,GP,TP,5x11,5	
C255	2305-000237	C-FILM,MPEF	1uF,5%,63V,TP,7.5x15.5mm,5mm	
C256	2301-000148	C-FILM,PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	

Loc. No.	Code No.	Description	Specification	Remarks
C257	2301-000188	C-FILM,PEF	1nF,5%,100V,TP,10.5x12.5x6.5,5	
C258	2201-000132	C-CERAMIC,DISC	0.1nF,10%,500V,Y5P,TP,6.5x3,5	
C259	2401-000050	C-AL	10uF,20%,16V,GP,TP,5x11,2.5	
C260	2202-000654	C-CERAMIC,MLC-RADIAL	100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5	
C264	2401-000031	C-AL	47uF,20%,16V,GP,TP,5x11,5	
C265	2305-000412	C-FILM,MPEF	470nF,5%,63V,TP,-,5mm	
C266	2301-000168	C-FILM,PEF	150nF,5%,100V,TP,11.5x19mm,7.5	
C268	2401-003484	C-AL	10uF,20%,100V,LZ,TP,6.3X11,5	
C269	2401-000480	C-AL	10uF,20%,50V,GP,TP,5x11,5	
C270	2201-000119	C-CERAMIC,DISC	100nF,+80-20%,50V,Y5V,TP,8x3,5	
C271	2401-000025	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	
C280	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C281	2401-000480	C-AL	10uF,20%,50V,GP,TP,5x11,5	
C283	2201-000144	C-CERAMIC,DISC	0.1nF,5%,50V,NP0,TP,8.5x3,5	
C284	2201-000144	C-CERAMIC,DISC	0.1nF,5%,50V,NP0,TP,8.5x3,5	
C285	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C301	2401-000142	C-AL	1000uF,20%,16V,WT,TP,10x20,5	
C302	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C303	2401-002274	C-AL	220uF,20%,35V,WT,TP,10x12.5,5	
C304	2401-000597	C-AL	1uF,20%,50V,GP,TP,4x7mm,1.5mm	
C305	2301-000148	C-FILM,PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	
C306	2305-000237	C-FILM,MPEF	1uF,5%,63V,TP,7.5x15.5mm,5mm	
C307	2301-000010	C-FILM,PEF	100nF,5%,100V,TP,11.5x12.5mm,5	
C308	2401-000142	C-AL	1000uF,20%,16V,WT,TP,10x20,5	
C309	2301-000294	C-FILM,PEF	56nF,5%,100V,TP,9.5x12.5mm,5mm	
C310	2301-000287	C-FILM,PEF	5.6nF,5%,100V,TP,10.5x12.5x6.5	
C312	2305-000237	C-FILM,MPEF	1uF,5%,63V,TP,7.5x15.5mm,5mm	
C401	2401-000049	C-AL	47uF,20%,100V,WT,TP,10x16,5	
C402	2201-000132	C-CERAMIC,DISC	0.1nF,10%,500V,Y5P,TP,6.5x3,5	
C403	2201-000291	C-CERAMIC,DISC	1nF,10%,500V,Y5P,TP,7.5x3.5,5	
C404	2301-000020	C-FILM,PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	
C405	2305-000624	C-FILM,MPEF	330nF,10%,100V,TP,-,5mm	
C406	2305-000624	C-FILM,MPEF	330nF,10%,100V,TP,-,5mm	
C407	2305-000624	C-FILM,MPEF	330nF,10%,100V,TP,-,5mm	
C408	2303-001022	C-FILM,PPF	2nF,5%,2.5KV,TP,23x12x19mm,7.5	⚠
C409	2303-001022	C-FILM,PPF	2nF,5%,2.5KV,TP,23x12x19mm,7.5	⚠
C410	2201-000291	C-CERAMIC,DISC	1nF,10%,500V,Y5P,TP,7.5x3.5,5	
C411	2301-001259	C-FILM,MPPF	100nF,5%,400V,TP,19x8x16,7.5mm	
C412	2305-001041	C-FILM,MPEF	220nF,5%,63V,TP,7.5x4.5x13.5,5	
C413	2301-001259	C-FILM,MPPF	100nF,5%,400V,TP,19x8x16,7.5mm	
C414	2306-000137	C-FILM,MPPF	180nF,5%,250V,TP,19x16.5x8,7.5	
C415	2301-001194	C-FILM,MPPF	470nF,5%,250V,TP,18x16x8,7.5	
C417	2306-000119	C-FILM,MPPF	100nF,5%,250V,TP,19x14.5x6.5,7	
C418	2301-001249	C-FILM,MPPF	68nF,5%,400V,TP,19x7x15mm,7.5	
C433	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C440	2401-003080	C-AL	3.3UF,20%,50V,BP,TP,5X11,2.5	
C450	2401-000025	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	
C451	2401-002299	C-AL	4.7uF,20%,50V,GP,TP,5x7,5	
C452	2301-000148	C-FILM,PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	
C453	2202-000561	C-CERAMIC,MLC-RADIAL	680pF,5%,50V,NPO,TP,5.1x3.2,5.	
C454	2201-000017	C-CERAMIC,DISC	1nF,10%,50V,Y5P,TP,5x3.5,5	
C456	2303-000011	C-FILM,PPF	1nF,5%,100V,TP,14x11.5mm,7.5mm	
C457	2201-000602	C-CERAMIC,DISC	0.56nF,5%,50V,SL,TP,10x3.5,5	

Loc. No.	Code No.	Description	Specification	Remarks
C458	2202-002008	C-CERAMIC,MLC-AXIAL	10nF,+80-20%,50V,Y5V,TP,2.3X3.	
C459	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C460	2301-000020	C-FILM,PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	
C461	2201-000012	C-CERAMIC,DISC	0.22nF,10%,1kV,Y5P,TP,6.3x5,5	
C462	2301-000020	C-FILM,PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	
C463	2401-001548	C-AL	47uF,20%,25V,WT,TP,5x11,5	
C464	2301-001322	C-FILM,PPF	33nF,5%,250V,TP,17.5x5x11mm,7.5	
C465	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C466	2401-003525	C-AL	10uF,20%,250V,LZ,TP,10X20,5	
C467	2301-000102	C-FILM,PEF	1.2nF,5%,100V,TP,5.4x10mm,5mm	
C468	2201-000131	C-CERAMIC,DISC	0.1nF,10%,2kV,Y5P,TP,6.3x5,5	
C501	2301-000294	C-FILM,PEF	56nF,5%,100V,TP,9.5x12.5mm,5mm	
C502	2301-000148	C-FILM,PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	
C503	2401-001378	C-AL	470uF,20%,16V,WT,TP,10x20,5	
C504	2401-000292	C-AL	100uF,20%,16V,WT,TP,8x11.5mm,5	
C505	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,TP,7x3,2.5	
C506	2305-001041	C-FILM,MPEF	220nF,5%,63V,TP,7.5x4.5x13.5,5	
C507	2201-000119	C-CERAMIC,DISC	100nF,+80-20%,50V,Y5V,TP,8x3,5	
C508	2401-000031	C-AL	47uF,20%,16V,GP,TP,5x11,5	
C509	2401-000031	C-AL	47uF,20%,16V,GP,TP,5x11,5	
C510	2301-000013	C-FILM,PEF	4.7nF,5%,100V,TP,10.5x12.5x6.5	
C511	2303-000147	C-FILM,PPF	1NF,5%,2KV,TP,23X13X8MM,7.5	
C512	2401-001576	C-AL	47uF,20%,50V,GP,TP,8x11.5,5	
C513	2401-000638	C-AL	2.2uF,20%,350V,WT,TP,10x12.5mm	
C514	2201-000325	C-CERAMIC,DISC	2.2nF,10%,500V,Y5P,TP,9.5x4,5	
C516	2401-000771	C-AL	220uF,20%,100V,WT,TP,16x25,7.5	
C520	2301-001027	C-FILM,PEF	15nF,10%,250V,TP,9.5x12x4.5,5m	
C530	2401-000638	C-AL	2.2uF,20%,350V,WT,TP,10x12.5mm	
C531	2401-000026	C-AL	3.3UF,20%,50V,GP,TP,5X11,5	
C532	2301-001480	C-FILM,MPEF	2000NF,5%,100V,TP,17X16.5X9.5,7.5	
C533	2305-000665	C-FILM,MPEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	⚠
C535	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C536	2201-000119	C-CERAMIC,DISC	100nF,+80-20%,50V,Y5V,TP,8x3,5	
C540	2201-000285	C-CERAMIC,DISC	1nF,10%,1kV,Y5P,TP,8x5,5	
C550	2201-000144	C-CERAMIC,DISC	0.1nF,5%,50V,NP0,TP,8.5x3,5	
C551	2301-000168	C-FILM,PEF	150nF,5%,100V,TP,11.5x19mm,7.5	
C552	2305-000004	C-FILM,MPEF	220nF,10%,100V,TP,12.7x16,5mm	
C559	2201-000129	C-CERAMIC,DISC	0.1nF,10%,1kV,Y5P,TP,7x4,5	
C562	2401-001576	C-AL	47uF,20%,50V,GP,TP,8x11.5,5	
C598	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C599	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C603	2201-000023	C-CERAMIC,DISC	2.2nF,20%,125V,Y5U,TP,11x7,5	⚠
C604	2201-000023	C-CERAMIC,DISC	2.2nF,20%,125V,Y5U,TP,11x7,5	⚠
C605	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C608	2401-000015	C-AL	33uF,20%,50V,WT,-,6.3x11mm,2.5	
C609	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C610	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C611	2201-000012	C-CERAMIC,DISC	0.22nF,10%,1kV,Y5P,TP,6.3x5,5	
C612	2201-000129	C-CERAMIC,DISC	0.1nF,10%,1kV,Y5P,TP,7x4,5	
C613	2201-000023	C-CERAMIC,DISC	2.2nF,20%,125V,Y5U,TP,11x7,5	
C614	2201-000023	C-CERAMIC,DISC	2.2nF,20%,125V,Y5U,TP,11x7,5	⚠
C620	2401-000613	C-AL	1uF,20%,50V,WT,TP,5x11,5	
C621	2301-000010	C-FILM,PEF	100nF,5%,100V,TP,11.5x12.5mm,5	

Loc. No.	Code No.	Description	Specification	Remarks
C622	2301-000013	C-FILM,PEF	4.7nF,5%,100V,TP,10.5x12.5x6.5	
C624	2301-000016	C-FILM,PEF	22nF,5%,100V,TP,7.2x4.5x9.0mm,	
C625	2401-000025	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	
C627	2301-000004	C-FILM,PEF	2.2nF,5%,100V,TP,5.5X10X2.9,5m	
C628	2301-000174	C-FILM,PEF	15nF,5%,100V,TP,7.2x4.0x7.5mm,	⚠
C629	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C641	2401-000142	C-AL	1000uF,20%,16V,WT,TP,10x20,5	
C642	2401-000142	C-AL	1000uF,20%,16V,WT,TP,10x20,5	
C643	2401-001378	C-AL	470uF,20%,16V,WT,TP,10x20,5	
C644	2401-000770	C-AL	220uF,20%,100V,WT,TP,13*25,5mm	
C645	2401-001422	C-AL	470uF,20%,35V,WT,TP,12.5x25,5	
C646	2401-000040	C-AL	47uF,20%,250V,WT,TP,16x25mm,7.	
C649	2201-000551	C-CERAMIC,DISC	0.47nF,10%,1kV,Y5P,TP,6.3x5,5	
C650	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C651	2202-002008	C-CERAMIC,MLC-AXIAL	10nF,+80-20%,50V,Y5V,TP,2.3X3.	
C652	2401-000010	C-AL	220uF,20%,16V,GP,-,6.3x11mm,2.	⚠
C653	2201-000119	C-CERAMIC,DISC	100nF,+80-20%,50V,Y5V,TP,8x3,5	⚠
C654	2401-000142	C-AL	1000uF,20%,16V,WT,TP,10x20,5	
C655	2301-000148	C-FILM,PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	
C656	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C702	2305-001041	C-FILM,MPEF	220nF,5%,63V,TP,7.5x4.5x13.5,5	
C703	2201-000602	C-CERAMIC,DISC	0.56nF,5%,50V,SL,TP,10x3.5,5	
C705	2301-000188	C-FILM,PEF	1nF,5%,100V,TP,10.5x12.5x6.5,5	
C706	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C708	2401-000970	C-AL	22uF,20%,50V,WT,TP,5x11,5	
C710	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
CIS	0203-001199	TAPE-KRAFT	#53110,T0.1,W6,L2000M,BRN	SNA
CIS	0203-001200	TAPE-PAPER	#53128,T0.15,W5.5,L2000M,BEIGE	SNA
CIS	0203-001201	TAPE-PAPER	#FB-300,T0.16,W6,L2000M,R/BLU	SNA
CN209	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN210	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN409	3711-000197	CONNECTOR-HEADER	1WALL,3P,1R,2.5mm,STRAIGHT,SN	SNA
CN414	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN415	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN420	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN421	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN601	3711-000217	CONNECTOR-HEADER	1WALL,3P,1R,3.96mm,STRAIGHT,SN	SNA
CN602	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	⚠ SNA
CN603	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN608	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN609	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
D201	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D202	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D250	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D251	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D254	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D282	0402-001039	DIODE-RECTIFIER	SB020,20V,600mA,MPG06,TP	
D301	0402-000272	DIODE-RECTIFIER	UF4001,50V,1A,DO-41,TP	
D302	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D303	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D401	0402-000274	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	
D405	0402-000012	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	
D406	0402-000012	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	

Loc. No.	Code No.	Description	Specification	Remarks
D407	0402-000274	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	
D408	0402-000272	DIODE-RECTIFIER	UF4001,50V,1A,DO-41,TP	
D450	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D451	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D452	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D453	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D454	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
D456	0402-000454	DIODE-RECTIFIER	RG10V1,400V,1.2A,DO-201	
D478	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D501	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D503	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D504	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D508	0402-000012	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	
D509	0402-000274	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	
D510	0402-000274	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	
D520	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
D521	0402-001114	DIODE-RECTIFIER	1N4936GP,400V,1A,DO-204AL,TP	
D522	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D523	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D530	0402-000017	DIODE-RECTIFIER	RGP02-12,1200V,0.5A,DO-204AL,T	
D532	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D540	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D551	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D552	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D553	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D561	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D598	0402-000017	DIODE-RECTIFIER	RGP02-12,1200V,0.5A,DO-204AL,T	
D599	0402-000017	DIODE-RECTIFIER	RGP02-12,1200V,0.5A,DO-204AL,T	
D602	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D604	0402-000012	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	
D605	0402-000012	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	
D606	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
D620	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D621	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D640	0402-000274	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	
D642	0402-001118	DIODE-RECTIFIER	UF1G,400V,1.2A,DO-204AL,TP	⚠
D644	0402-001190	DIODE-RECTIFIER	RG10Z,200V,1.2A,DO-15,TP	
D646	0402-000274	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	⚠
D650	0402-000017	DIODE-RECTIFIER	RGP02-12,1200V,0.5A,DO-204AL,T	
D670	0403-000509	DIODE-ZENER	MTZJ5.6B,5.6V,5.45-5.73V,500mW	
D702	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
D703	0402-001111	DIODE-RECTIFIER	1N5397GP,600V,1.5A,DO-204AC,TP	
D704	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
EY301	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY302	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY401	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY402	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY403	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY404	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY405	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY408	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY409	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY410	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA

Loc. No.	Code No.	Description	Specification	Remarks
EY411	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY412	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY413	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY415	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY420	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY440	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	⚠ SNA
EY441	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY501	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY502	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY503	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY504	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY505	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY506	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY507	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY508	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY509	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY510	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY511	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY512	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY550	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY599	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY6	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY601	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY602	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY603	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY604	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY607	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY608	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	⚠ SNA
EY609	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY61	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY610	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY611	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY612	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY613	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY614	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY615	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY616	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY703	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY704	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY705	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
FH601	3602-000001	FUSE-CLIP	-,-,30mohm	SNA
IC202	1203-000515	IC-VOL. DETECTOR	7042,TO-92,3P,177MIL,PLASTIC,4	SNA
IC280	1103-001150	IC-EEPROM	524C08D81,8KBit,DIP,8P,300MIL,10mS,5V,10%,PLASTIC,-25to+70C,10uA,CMOS,ST	
IC402	1203-001099	IC-PWM CONTROLLER	3843,DIP,8P,250MIL,PLASTIC,30V	
IC501	1203-000610	IC-PWM CONTROLLER	494,DIP,16P,300MIL,PLASTIC,40V,1W,0TO+70C,250MA,4.75/5.25V,ST	
IC621	1203-000002	IC-POSI.ADJUST REG.	431,TO-92,3P,-,PLASTIC,2.44/2.	⚠
IC701	1203-002081	IC-PWM CONTROLLER	33260,DIP,8P,300MIL,PLASTIC,-,600mW,-40to+105C,-,-,ST	
JP104	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP106	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP113	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP114	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP116	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP150	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	

Loc. No.	Code No.	Description	Specification	Remarks
JP151	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP153	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP154	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP157	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP158	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP159	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP167	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP178	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP184	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP186	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP187	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP189	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP190	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP191	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP192	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP193	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP194	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP197	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP198	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP204	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP210	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP212	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP213	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP216	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP227	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP239	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP245	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP266	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP267	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP268	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP269	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP275	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP276	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP289	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP294	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP295	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP297	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP302	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP303	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP307	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP308	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP323	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP324	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP327	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP328	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP334	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP335	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP337	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP340	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP344	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP346	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP361	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	

Loc. No.	Code No.	Description	Specification	Remarks
JP362	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP363	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP364	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP365	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP371	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP372	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP374	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP375	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP376	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP377	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP378	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP379	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP381	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP383	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP390	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP397	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP399	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP402	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP404	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP412	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP415	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP416	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP417	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP418	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP419	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP421	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP425	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP439	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP440	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP441	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP442	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP451	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP453	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP454	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP455	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP460	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP475	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP480	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP481	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP483	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP486	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP487	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP491	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP511	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP516	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP522	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP546	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP547	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP548	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP549	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP569	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP572	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP574	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	

Loc. No.	Code No.	Description	Specification	Remarks
JP578	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP579	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP581	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP585	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP586	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP587	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP588	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP589	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP590	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP591	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP596	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP597	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP598	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP603	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP609	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP615	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP616	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP617	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP619	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP623	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP626	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP629	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP630	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP632	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP633	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP635	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP637	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP638	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP640	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP643	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP644	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP645	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP646	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP647	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP648	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP649	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP650	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP651	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP652	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP653	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP654	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP655	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP656	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP657	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP659	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP660	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP661	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP662	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP663	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP664	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP665	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP666	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP675	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	

Loc. No.	Code No.	Description	Specification	Remarks
JP678	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP679	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP680	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP681	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP682	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP683	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP684	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP685	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP686	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP687	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP688	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP690	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP692	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP694	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP695	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP696	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP697	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP698	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP699	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP700	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP701	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP702	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP703	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
L501	2701-000179	INDUCTOR-AXIAL	33uH,10%,4.2x9.8mm	
L502	2701-000187	INDUCTOR-AXIAL	4.7uH,10%,4.2x9.8mm	
MP1.0	BH41-00175A	PCB MAIN	AQ17IS,FR1,247*330*1.6T,1.0,1.6T,247*330*1.6T,AQUILA,-,-,-	
Q250	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q251	0501-000303	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-240	
Q301	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q408	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q409	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q410	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q411	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q412	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q450	0501-000303	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-240	
Q451	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q452	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q453	0501-000303	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-240	
Q502	0501-000122	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	
Q503	0501-000581	TR-SMALL SIGNAL	2N3906,PNP,625mW,TO-92,TP,100-300	
Q520	0501-000143	TR-SMALL SIGNAL	2N6520,PNP,625mW,TO-92,TP,30-200	
Q521	0501-000122	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	
Q540	0501-000413	TR-SMALL SIGNAL	KSP44,NPN,625mW,TO-92,TP,50-200	
Q541	0501-000413	TR-SMALL SIGNAL	KSP44,NPN,625mW,TO-92,TP,50-200	
Q553	0501-000361	TR-SMALL SIGNAL	KSC2316-Y,NPN,900mW,TO-92L,TP,120-240	
Q601	0501-000010	TR-SMALL SIGNAL	KSC1008,NPN,800mW,TO-92,TP,120-240	
Q620	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q670	0501-002228	TR-SMALL SIGNAL	KTA1281,PNP,1000mW,TO-92L,TP,120-240	
Q671	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q672	0501-002228	TR-SMALL SIGNAL	KTA1281,PNP,1000mW,TO-92L,TP,120-240	
R200	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R203	2001-000515	R-CARBON	220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R204	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	

Loc. No.	Code No.	Description	Specification	Remarks
R205	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R206	2001-000739	R-CARBON	4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R207	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R208	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R209	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R210	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R211	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R215	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R216	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R218	2001-000613	R-CARBON	3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R219	2001-000591	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R220	2001-000331	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R221	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	⚠
R222	2001-000613	R-CARBON	3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R225	2001-000435	R-CARBON	1MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R226	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R227	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R228	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R229	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R230	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R231	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R233	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R236	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R237	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R238	2001-000472	R-CARBON	2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R239	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R240	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R242	2001-000008	R-CARBON	15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R243	2001-000008	R-CARBON	15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R250	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R251	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R252	2001-000563	R-CARBON	27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R253	2004-001118	R-METAL	5Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
R254	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R255	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R256	2004-004367	R-METAL	90Kohm,1%,1/4W,AA,TP,6.2x2.6mm	
R261	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R264	2001-000319	R-CARBON	120KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R265	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R266	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R267	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R268	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R269	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R270	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R271	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R272	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R278	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R280	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R281	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R282	2001-001050	R-CARBON(S)	1.5KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R283	2001-000005	R-CARBON	390ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R284	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R301	2004-000344	R-METAL	15Kohm,1%,1/4W,AA,TP,2.4x6.4mm	

Loc. No.	Code No.	Description	Specification	Remarks
R302	2004-000001	R-METAL	6.2Kohm,1%,1/4W,AA,TP,2.4x6.4m	
R303	2005-001064	R-WIRE WOUND	0.9OHM,5%,2W,AA,TP,3.8X11MM	
R304	2001-000037	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R305	2001-000105	R-CARBON	1.5KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R306	2001-000016	R-CARBON(S)	1OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R307	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R308	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R309	2001-000977	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R310	2001-000591	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R311	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R312	2008-000114	R-FUSIBLE	1.2ohm,5%,1/2W,AA,TP,3.5x9.4mm	
R313	2004-001254	R-METAL	8.2Kohm,1%,1/4W,AA,TP,2.4x6.4m	
R314	2004-000679	R-METAL	2Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
R315	2004-000334	R-METAL	150ohm,1%,1/4W,AA,TP,2.4x6.4mm	
R316	2008-000114	R-FUSIBLE	1.2ohm,5%,1/2W,AA,TP,3.5x9.4mm	
R402	2001-000047	R-CARBON	2.2KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R403	2003-000533	R-METAL OXIDE(S)	18ohm,5%,3W,AA,TP,6x16mm	
R404	2001-000515	R-CARBON	220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R405	2001-001163	R-CARBON(S)	560OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R406	2001-000019	R-CARBON(S)	10OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R408	2003-000473	R-METAL OXIDE(S)	10ohm,5%,3W,AA,TP,6x16mm	
R409	2003-000423	R-METAL OXIDE(S)	1.2ohm,5%,3W,AA,TP,6x16mm	
R410	2003-000502	R-METAL OXIDE(S)	150ohm,5%,2W,AA,TP,4x12mm	
R412	2001-001153	R-CARBON(S)	47OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R413	2001-001153	R-CARBON(S)	47OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R414	2003-000450	R-METAL OXIDE(S)	100Kohm,5%,3W,AA,TP,6x16mm	
R420	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R421	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R422	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R423	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R424	2001-000411	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R425	2001-000411	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R426	2001-000411	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R427	2001-000411	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R428	2001-000411	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R429	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R430	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R431	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R432	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R433	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R434	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R435	2001-000037	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R440	2001-000022	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R441	2003-000661	R-METAL OXIDE(S)	33ohm,5%,2W,AA,TP,4x12mm	
R444	2001-001120	R-CARBON(S)	3.3OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R450	2001-000011	R-CARBON	75KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R451	2001-000017	R-CARBON	4.7OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R452	2001-000645	R-CARBON	330KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R453	2001-000539	R-CARBON	24KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R454	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R455	2001-000411	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R456	2001-000011	R-CARBON	75KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R459	2004-000657	R-METAL	27Kohm,1%,1/4W,AA,TP,2.4x6.4mm	

Loc. No.	Code No.	Description	Specification	Remarks
R460	2004-000284	R-METAL	12Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
R461	2001-000055	R-CARBON	4.7KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R462	2004-000412	R-METAL	18Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
R463	2001-000042	R-CARBON	1KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R464	2001-000042	R-CARBON	1KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R465	2001-000028	R-CARBON(S)	100OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R466	2001-000050	R-CARBON	2.7KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R467	2008-000140	R-FUSIBLE	2.2ohm,5%,1/2W,AA,TP,3.5x9.4mm	
R468	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R490	2004-000580	R-METAL	22Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
R501	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R502	2001-000331	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R503	2001-000812	R-CARBON	5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R504	2001-000689	R-CARBON	390KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R505	2001-000977	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R506	2001-000800	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R507	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R508	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R509	2001-000800	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	⚠
R510	2001-000780	R-CARBON	470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R511	2001-000018	R-CARBON	6.8OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R512	2005-000210	R-WIRE WOUND	0.33ohm,5%,1W,AC,BK,4.5x11mm	
R515	2001-000073	R-CARBON	33KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R520	2001-000115	R-CARBON	82KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R521	2001-000546	R-CARBON	270KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R522	2004-000327	R-METAL	150Kohm,1%,1/4W,AA,TP,2.4x6.4m	
R523	2001-000096	R-CARBON(S)	1MOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R524	2004-001254	R-METAL	8.2Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠
R525	2004-000123	R-METAL	1.2Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠
R526	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R527	2001-000878	R-CARBON	6.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R531	2004-000964	R-METAL	470Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠
R532	2004-000643	R-METAL	270Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠
R541	2001-000114	R-CARBON(S)	180KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R542	2001-000114	R-CARBON(S)	180KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R543	2002-001079	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	
R545	2001-000331	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R546	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R547	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R550	2002-001079	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	
R551	2001-000723	R-CARBON	4.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R552	2001-000319	R-CARBON	120KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R553	2001-000105	R-CARBON	1.5KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R555	2001-001144	R-CARBON(S)	4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R556	2001-001153	R-CARBON(S)	47OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R557	2003-000459	R-METAL OXIDE(S)	100ohm,5%,3W,AA,TP,6x16mm	
R558	2003-000008	R-METAL OXIDE(S)	100ohm,5%,1W,AA,TP,3.3x9mm	
R560	2001-000800	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	⚠
R561	2001-000331	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R563	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R564	2001-000591	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R565	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R567	2002-001079	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	

Loc. No.	Code No.	Description	Specification	Remarks
R596	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
R597	2002-001073	R-COMPOSITION	15Mohm,5%,1/2W,AA,TP,4.0x10mm	
R598	2001-000114	R-CARBON(S)	180KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R599	2001-001106	R-CARBON(S)	220KOHM,5%,1/2W,AA,TP,2.4X6.4MM	⚠
R601	2001-000354	R-CARBON	150KOHM,5%,1/4W,AA,TP,2.4X6.4MM	⚠
R602	2001-000354	R-CARBON	150KOHM,5%,1/4W,AA,TP,2.4X6.4MM	⚠
R603	2001-000022	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R604	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R605	2001-000044	R-CARBON	1.2KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R606	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R607	2001-000087	R-CARBON(S)	120KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R609	2001-000376	R-CARBON	15OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R620	2001-000552	R-CARBON	270OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R621	2001-000003	R-CARBON	330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R622	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R623	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R624	2001-000034	R-CARBON	220OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R625	2001-000508	R-CARBON	220KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R626	2004-000679	R-METAL	2Kohm,1%,1/4W,AA,TP,2.4x6.4mm	⚠
R627	2004-000523	R-METAL	200ohm,1%,1/4W,AA,TP,2.4x6.4mm	⚠
R628	2002-001082	R-COMPOSITION	180KOHM,2%,1W,AA,TP,4X12MM	
R629	2001-000890	R-CARBON	6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R630	2001-000577	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R631	2001-000577	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R640	2001-000376	R-CARBON	15OHM,5%,1/8W,AA,TP,1.8X3.2MM	⚠
R644	2001-001131	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R649	2002-001079	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	
R651	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R655	2002-001079	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	
R656	2001-000028	R-CARBON(S)	100OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R668	2001-000958	R-CARBON	750OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R670	2002-001068	R-COMPOSITION	180Kohm,5%,1/2W,AA,TP,3.9x9mm	
R671	2002-001068	R-COMPOSITION	180Kohm,5%,1/2W,AA,TP,3.9x9mm	
R672	2001-000786	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R673	2001-000472	R-CARBON	2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R674	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R675	2001-001038	R-CARBON(S)	0.56OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R676	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R677	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R688	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R701	2005-001170	R-WIRE WOUND,NON	0.33ohm,1%,3W,AA,TP,5.5x15mm	
R702	2001-001013	R-CARBON	9.1KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R703	2001-000302	R-CARBON	10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R704	2004-001863	R-METAL	680Kohm,1%,1/4W,AA,TP,2.4x7mm	
R705	2004-001863	R-METAL	680Kohm,1%,1/4W,AA,TP,2.4x7mm	
R706	2004-001863	R-METAL	680Kohm,1%,1/4W,AA,TP,2.4x7mm	
R711	2008-000125	R-FUSIBLE	10ohm,5%,1/4W,AA,TP,2.6x6.7mm	
R712	2001-000302	R-CARBON	10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R721	2001-000786	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
SK530	4715-001055	SURGE ABSORBER	1kV,+50-10%,-,-,RADIAL	SNA
TCO	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
X201	2801-003413	CRYSTAL-UNIT	24MHz,30ppm,28-ABQ,20pF,20ohm,	
ZD201	0403-000367	DIODE-ZENER	UZ7.5BSC,7.5V,7.33-7.64V,500mW	

Loc. No.	Code No.	Description	Specification	Remarks
ZD286	0403-000361	DIODE-ZENER	UZ6.2BSB,6.2V,5.99-6.24V,500mW	
ZD450	0403-000004	DIODE-ZENER	UZ12BM,12V,11.6-12.4V,500mW,DO	
ZD520	0403-001068	DIODE-ZENER	UZ4.7BSA,4.7V,4.47-4.65V,500mW	
ZD601	0403-000753	DIODE-ZENER	MTZJ27D,27V,26.29-27.64V,500mW	
ZD705	0403-000004	DIODE-ZENER	UZ12BM,12V,11.6-12.4V,500mW,DO	
ZD706	0403-000538	DIODE-ZENER	MTZ16C,16V,15.69-16.51V,500mW,	
HS651	BH99-00011B	ASSY HEAT/SINK	HS,SPRING,78R12,7805,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	1203-000001	IC-POSI.FIXED REG.	7805,TO-220,3P,-,PLASTIC,4.8/5	
CIS	1203-000165	IC-POSI.ADJUST REG.	78R12,TO-220,4P,-,PLASTIC,11.7/12.3V,1.5W,-20TO+80C,1A,-,ST	
CIS	BH61-00004A	SPRING-TR	CDA,CDB,SUS304,T0.5,-,-,-,-	SNA
CIS	BH62-00045A	HEAT SINK-TR	AQ19FS,A1050S,T1.0,25,54,-,-,-	SNA
HS504	BH99-00013D	ASSY HEAT/SINK	HS,SPRING,2SK2761,-,-,OIL SILICON	
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0505-001266	FET-SILICON	2SK2761-01MR,N,600V,10A,0.85oh	
CIS	BH61-00004A	SPRING-TR	CDA,CDB,SUS304,T0.5,-,-,-,-	SNA
CIS	BH62-00042A	HEAT SINK-POWER	AQ19FS,A1050S,T1.0,80,55,-,-,-	SNA
HS402_1	BH99-00029C	ASSY HEAT/SINK	HS,SPRING,FJL6820,10F150S,-,MICA,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0402-001319	DIODE-RECTIFIER	SDS10F150S,1.5KV,10A,TO-220F,ST	
CIS	0502-001202	TR-POWER	FJL6820,NPN,200000MW,TO-264,ST,8-	
CIS	BH61-70003A	SPRING	CVT4857,STS304-W1/2H,T0.5,W3.8	SNA
CIS	BH62-00001A	INSULATION-MICA	CSM920B,MICA,-,-,-,-,-,-,POWER-TR	SNA
CIS	BH62-00040A	HEAT SINK-HOR.	PN19MT,A1050S,T2.0,95,110,-,-,-	SNA
HS409	BH99-00030B	ASSY HEAT/SINK	HS TR,SCREW+NUT,SKS10N20(4),-,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0505-001305	FET-SILICON	SKS10N20,N,200V,6.9A,0.36OHM,39W,TO-220F	
CIS	6006-001008	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
CIS	6021-000118	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
CIS	BH62-00044A	HEAT SINK-TR	AQ19FS,A1050S,T2.0,20,55,-,-,-	SNA
HS401	BH99-00041A	ASSY HEAT/SINK	HS,SPRING,SFP9634,-,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0505-001359	FET-SILICON	SFP9634,P,-250V,-5A,1.3OHM,70W,TO-220	
CIS	BH61-00004A	SPRING-TR	CDA,CDB,SUS304,T0.5,-,-,-,-	SNA
CIS	BH62-00039A	HEAT SINK-TR	PN19MT,A1050S,T1.0,20,20,-,-,-	SNA
HS301	BH99-00043A	ASSY HEAT/SINK	HS V.IC,SCREW+NUT,KA2142,-,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	1204-001508	IC-VERTICAL DEF.	KA2142,SIP,10P,-,PLASTIC,35V,15W,-20TO+70C,ST,VERTICAL DEFLECTION	
CIS	6006-001008	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
CIS	6021-000118	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
CIS	BH62-00049A	HEAT SINK-V/IC	AQ17,A1050S,T1.0,H60,L77,-,-,-	SNA
HS508	BH99-00045A	ASSY HEAT/SINK	HS,SCREW+NUT,TIP29C,-,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0502-000348	TR-POWER	TIP29C,NPN,2W,TO-220,-,15-75	
CIS	6006-001008	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
CIS	6021-000118	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA

Loc. No.	Code No.	Description	Specification	Remarks
CIS	BH62-00051A	HEAT SINK-V IC	AQ17,SPC-1,T1.0,H60,L13,-,-,-	SNA
HS509	BH99-00045B	ASSY HEAT/SINK	HS,SCREW+NUT,TIP30C,-,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0502-000351	TR-POWER	TIP30,PNP,2W,TO-220AB,-,15-75	
CIS	6006-001008	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
CIS	6021-000118	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
CIS	BH62-00051A	HEAT SINK-V IC	AQ17,SPC-1,T1.0,H60,L13,-,-,-	SNA
HS60	BH99-10019N	ASSY,HEAT/SINK	HS,-,31DF6,-,-,SOLDER,-,-	SNA
CIS	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0402-001289	DIODE-RECTIFIER	31DF6,600V,3A,DO-201AD,BK	
CIS	BH62-30024B	HEAT/SINK-IC	SPC-1,T1,SN COATING,-	SNA
HS606	BH99-10019Q	ASSY,HEAT/SINK	HS,SOLDER,UF5404,-,-,-,-,-	SNA
CIS	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0402-001294	DIODE-RECTIFIER	UF5404L-5709,400V,3A,DO-201AD,BK	
CIS	BH62-30024B	HEAT/SINK-IC	SPC-1,T1,SN COATING,-	SNA
HSD701	BH99-10019X	ASSY HEAT/SINK	HS TR,SOLDER,GUR460L,-,-,-	SNA
CIS	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0402-001295	DIODE-RECTIFIER	GUR460L-5700,600V,4A,DO-201AD,BK	
CIS	BH62-30024B	HEAT/SINK-IC	SPC-1,T1,SN COATING,-	SNA
HSQ701	BH99-10047E	ASSY HEAT/SINK	HS TR,SCREW+NUT,2SK2761,-,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0505-001266	FET-SILICON	2SK2761-01MR,N,600V,10A,0.85oh	
CIS	6006-001008	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
CIS	6021-000118	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
CIS	BH62-30409A	HEAT/SINK-TR	A6063S,T1.5,-,CGH7609	SNA
HS601	BH99-10052L	ASSY HEAT/SINK	HS POWER,SPRING,DP408,-,-,RUBBER SILICON	SNA
CIS	BH13-00019A	IC-POWER SWTICH	DP408,PN19MT,5P,-25to+85C,TO-3P-5L,-,35V,ST	
CIS	BH61-70003A	SPRING	CVT4857,STS304-W1/2H,T0.5,W3.8	SNA
CIS	BH62-20001A	SILICON/RUBBER-TR	CSQ4357,W33*L25*T0.45,-,-,-,-,	SNA
CIS	BH62-30411C	HEAT/SINK	A6063S,T1.8,-,ALL	SNA

7-1-2 AQ17** Video PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
CIS	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0202-001046	SOLDER-WIRE FLUX	CF-110VH-2A,-,-,-,-	SNA
CIS	0202-001172	SOLDER-WIRE FLUX	RS-107,RS60,D1.2,SN60/PB40,-	SNA
CIS	0204-001095	THINNER	#4520,-,-,-	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	BH39-00319A	CBF HARNESS	PN15HT,3*0.16TA*16,-,-,60MM,-,-,ST710095-3,EARTH CLIP,-,-,-,-,-,-	
CIS	BH68-00001A	LABEL/MARK-CDT	ART-PAPER 100G,-,WHT,BLK,-,ALL,CDT	SNA
CIS	BH75-00085B	UNIT/SHIELD-COVER(VIDEO)	PG19HS,SPTE T0.2,-,-,-	SNA
CIS	BH39-00084A	CBF-HARNESS	-,100MM,-,-,8*0.16TA*16,35068-9822/35750-101	
CIS	BH71-00021A	COVER-VIDEO(SHIELD)	PG17HS,SPTE,T0.3,-,-	SNA
CIS	BH71-10311A	EARTH-PLATE	PBS 3/4H,T0.2	SNA
CIS	BH75-00193A	UNIT/SHIELD-VIDEO	PG17HS,-,A1050S,-,-,PG,-	SNA
CIS	BH61-00002A	SPRING-VIDEO	CDB7907,STS H14 ,T1.0,-,-,-,NORMAL CDT	SNA
CIS	BH71-00022A	SHIELD-VIDEO	PG17HS,A1050S,T1.0,-,-	SNA
CIS	BH72-00058A	HOLDER-VIDEO	PG17HS,ABS+PC,5V(NONE,1,PHOSPHATE),IV16,-,-	SNA
CIS	BH73-00014A	HOLDER-RUBBER(NORMAL)	DEL,SILICON V2,GRAY,-,-,-,NORMAL	SNA
CN101	3711-004228	CONNECTOR-HEADER	BOX,6P,1R,2MM,ANGLE,SN	SNA
CN102	3711-004123	CONNECTOR-HEADER	BOX,15P,1R,2mm,ANGLE,SN	SNA
HS102	BH62-00009A	HEAT SINK-IC	A6063S,L35XW25.6XT2.5,-,CSV9329	SNA
IC102	1201-001693	IC-VIDEO AMP	2503,DIP,32P,600MIL,-,-,PLASTIC,12.6V,1.38W,-25to+80C,-,-,-,-,-,ST	⚠
SH/VID	6502-000001	CABLE CLAMP	DAWH-5NB,D15,L35,NTR,NYLON66	SNA
SH/VID+H/S	6003-000010	SCREW-TAPTITE	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
SK105	3704-001142	SOCKET-CRT	10P,22.5PI,25.6PI,NI,-	
BD103	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD104	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD105	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD108	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD109	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD111	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
C103	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C104	2401-003224	C-AL	470uF,20%,16V,WT,TP,8X11.5,5mm	
C112	2401-003224	C-AL	470uF,20%,16V,WT,TP,8X11.5,5mm	
C113	2401-003034	C-AL	220uF,20%,16V,WT,TP,8x11.5,5	
C114	2201-000138	C-CERAMIC,DISC	100pF,10%,50V,Y5P,TP,4.0X4.0,2	
C115	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C116	2401-000393	C-AL	10uF,20%,100V,WT,TP,8x11.5,5	
C117	2401-000393	C-AL	10uF,20%,100V,WT,TP,8x11.5,5	
C118	2401-000393	C-AL	10uF,20%,100V,WT,TP,8x11.5,5	
C120	2401-001281	C-AL	4.7uF,20%,50V,WT,TP,5x11,5	
C121	2401-001281	C-AL	4.7uF,20%,50V,WT,TP,5x11,5	
C122	2401-000814	C-AL	220uF,20%,16V,WT,TP,10x12.5,5	
C124	2301-000148	C-FILM,PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	
C125	2201-000288	C-CERAMIC,DISC	1nF,10%,2kV,Y5P,TP,9x5,10	
C126	2201-000119	C-CERAMIC,DISC	100nF,+80-20%,50V,Y5V,TP,8x3,5	
C127	2201-000530	C-CERAMIC,DISC	4.7nF,10%,500V,Y5P,TP,12.5x4,5	
C135	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C137	2401-002075	C-AL	4.7uF,20%,50V,GP,TP,5x11,5	
C139	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C140	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C141	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C142	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C143	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
CB04	2401-000055	C-AL	1uF,20%,160V,WT,TP,3x11,5mm	

Loc. No.	Code No.	Description	Specification	Remarks
CB06	2301-000010	C-FILM,PEF	100nF,5%,100V,TP,11.5x12.5mm,5	
CG04	2401-000055	C-AL	1uF,20%,160V,WT,TP,3x11,5mm	
CG06	2301-000010	C-FILM,PEF	100nF,5%,100V,TP,11.5x12.5mm,5	
CIS	0203-001199	TAPE-KRAFT	#53110,T0.1,W6,L2000M,BRN	SNA
CIS	0203-001200	TAPE-PAPER	#53128,T0.15,W5.5,L2000M,BEIGE	SNA
CN12	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN13	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN14	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CR04	2401-000055	C-AL	1uF,20%,160V,WT,TP,3x11,5mm	
CR06	2301-000010	C-FILM,PEF	100nF,5%,100V,TP,11.5x12.5mm,5	
D101	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DB01	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DB02	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DB03	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
DB04	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
DB05	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DG01	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DG02	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DG03	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
DG04	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
DG05	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DR01	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DR02	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DR03	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
DR04	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
DR05	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
EY1	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY2	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY5	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY6	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY7	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY8	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
IC104	BH13-00022A	IC-BIAS CLAMP	LM2480NA,PN15H/17L,8P,0to+70C,DIP,3mA,85V,ST	
JP1	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP100	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP101	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP102	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP103	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP104	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP11	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP12	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP13	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP17	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP18	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP19	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP20	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP21	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP22	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP23	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP24	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP27	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP29	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP32	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	

Loc. No.	Code No.	Description	Specification	Remarks
JP36	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP37	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP4	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP44	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP49	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP5	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP50	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP51	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP53	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP54	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP55	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP57	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP6	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP60	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP61	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP62	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP63	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP64	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP65	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP66	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP67	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP68	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP7	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP70	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP74	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP75	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP8	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP82	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP86	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP87	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP88	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP89	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP9	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP90	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP91	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP92	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP93	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP94	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP95	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP96	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP97	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP98	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP99	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
L100	2701-000164	INDUCTOR-AXIAL	27uH,10%,4.2x9.8mm	
L101	2701-000319	INDUCTOR-AXIAL	470NH,10%,3X7MM	
L103	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
L104	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
L106	2701-000187	INDUCTOR-AXIAL	4.7uH,10%,4.2x9.8mm	
LB01	2701-001091	INDUCTOR-AXIAL	80NH,10%,2.3X6.0MM	
LG01	2701-001091	INDUCTOR-AXIAL	80NH,10%,2.3X6.0MM	
LR01	2701-001091	INDUCTOR-AXIAL	80NH,10%,2.3X6.0MM	
MP1.0	BH41-00176A	PCB-VIDEO	AQ17IS,FR-1,1 LAYER,0,1.6T,330*247MM,PN,4 ARRAY,-,-	
Q101	0501-000122	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	

Loc. No.	Code No.	Description	Specification	Remarks
Q102	0501-000122	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	
Q103	0501-000122	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	
Q104	0501-000122	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	
Q105	0501-002228	TR-SMALL SIGNAL	KTA1281,PNP,1000mW,TO-92L,TP,120-240	
Q106	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
R104	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R106	2001-000935	R-CARBON	68OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R107	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R108	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R109	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R110	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R127	2001-001107	R-CARBON(S)	220ohm,5%,1/2W,AA,TP,2.4x6.4mm	
RB07	2001-000009	R-CARBON	20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RB09	2001-000546	R-CARBON	270KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
RB12	2001-000022	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RG07	2001-000009	R-CARBON	20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RG09	2001-000546	R-CARBON	270KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
RG12	2001-000022	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RR07	2001-000009	R-CARBON	20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RR09	2001-000546	R-CARBON	270KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
RR12	2001-000022	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	
SK101	4715-000102	SURGE ABSORBER	200V,20%,1000A,-,RADIAL	SNA
SK102	4715-000102	SURGE ABSORBER	200V,20%,1000A,-,RADIAL	SNA
SK103	4715-000102	SURGE ABSORBER	200V,20%,1000A,-,RADIAL	SNA
SK104	4715-000106	SURGE ABSORBER	300V,210-390V,-,-,AXIAL	SNA
SK108	4715-000001	SURGE ABSORBER	1KV,+50-10%,-,-,	
ZD101	0403-000509	DIODE-ZENER	MTZJ5.6B,5.6V,5.45-5.73V,500mW	
ZD103	0403-000509	DIODE-ZENER	MTZJ5.6B,5.6V,5.45-5.73V,500mW	
C100	2203-000239	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,2012	
C101	2203-001128	C-CERAMIC,CHIP	0.68nF,10%,50V,X7R,TP,2012	
C102	2203-001105	C-CERAMIC,CHIP	6.8nF,10%,50V,X7R,TP,2012	
C105	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
C106	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
C107	2203-000260	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,2012	
C108	2203-000389	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,2012	
C109	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
C110	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
C111	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
C119	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
C123	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
C128	2203-000260	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,2012	
C129	2203-000239	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,2012	
C130	2203-000239	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,2012	
C131	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
C134	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
C136	2203-000260	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,2012	
CB01	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
CB02	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
CB03	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
CG01	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
CG02	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
CG03	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
CR01	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	

Loc. No.	Code No.	Description	Specification	Remarks
CR02	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
CR03	2203-000204	C-CERAMIC,CHIP	100nF,10%,25V,X7R,TP,2012	
IC101	1201-001791	IC-VIDEO AMP	-,SOP,24P,375MIL,-,-,PLASTIC,7V,0.8W,-20TO+80C,-,-,-,-,-,TR	
IC103	1204-001864	IC-OSD PROCESSOR	S5D2509X09-S0,SOP,24P,295MIL,PLASTIC,6.5V,1200MW,-20+70C,TR,10LANGUAGES	
L102	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L105	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L107	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
R101	2007-001071	R-CHIP	6.8KOHM,5%,1/10W,DA,TP,2012	
R102	2007-000355	R-CHIP	12KOHM,5%,1/10W,DA,TP,2012	
R103	2007-001071	R-CHIP	6.8KOHM,5%,1/10W,DA,TP,2012	
R105	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R111	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R112	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,2012	
R113	2007-000518	R-CHIP	2.7KOHM,5%,1/10W,DA,TP,2012	
R114	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,2012	
R116	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R117	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R118	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R119	2007-000493	R-CHIP	2.2KOHM,5%,1/10W,DA,TP,2012	
R120	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,2012	
R121	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R122	2007-000241	R-CHIP	1.5KOHM,5%,1/10W,DA,TP,2012	
R124	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R125	2007-000518	R-CHIP	2.7KOHM,5%,1/10W,DA,TP,2012	
R126	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
R128	2007-000981	R-CHIP	5.6KOHM,5%,1/10W,DA,TP,2012	
R129	2007-000355	R-CHIP	12KOHM,5%,1/10W,DA,TP,2012	
R130	2007-001071	R-CHIP	6.8KOHM,5%,1/10W,DA,TP,2012	
R131	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R132	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R133	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R134	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R135	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
R136	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R139	2007-000766	R-CHIP	330OHM,5%,1/10W,DA,TP,2012	
R140	2007-000766	R-CHIP	330OHM,5%,1/10W,DA,TP,2012	
R141	2007-000766	R-CHIP	330OHM,5%,1/10W,DA,TP,2012	
R142	2007-000766	R-CHIP	330OHM,5%,1/10W,DA,TP,2012	
R143	2007-000572	R-CHIP	220OHM,5%,1/10W,DA,TP,2012	
R144	2007-000710	R-CHIP	3.9KOHM,5%,1/10W,DA,TP,2012	
R151	2007-000304	R-CHIP	10MOHM,5%,1/10W,DA,TP,2012	
R152	2007-000304	R-CHIP	10MOHM,5%,1/10W,DA,TP,2012	
R153	2007-000304	R-CHIP	10MOHM,5%,1/10W,DA,TP,2012	
RB01	2007-001166	R-CHIP	75OHM,5%,1/10W,DA,TP,2012	
RB02	2007-000308	R-CHIP	10OHM,5%,1/10W,DA,TP,2012	
RB03	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
RB04	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
RB05	2007-000822	R-CHIP	390OHM,5%,1/10W,DA,TP,2012	
RB06	2007-000308	R-CHIP	10OHM,5%,1/10W,DA,TP,2012	
RB08	2007-000593	R-CHIP	22OHM,5%,1/10W,DA,TP,2012	
RB11	2007-001118	R-CHIP	680OHM,5%,1/10W,DA,TP,2012	
RG01	2007-001166	R-CHIP	75OHM,5%,1/10W,DA,TP,2012	
RG02	2007-000572	R-CHIP	220OHM,5%,1/10W,DA,TP,2012	

Loc. No.	Code No.	Description	Specification	Remarks
RG03	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
RG04	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
RG05	2007-000822	R-CHIP	390OHM,5%,1/10W,DA,TP,2012	
RG06	2007-000308	R-CHIP	10OHM,5%,1/10W,DA,TP,2012	
RG08	2007-000593	R-CHIP	22OHM,5%,1/10W,DA,TP,2012	
RG11	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
RR01	2007-001166	R-CHIP	75OHM,5%,1/10W,DA,TP,2012	
RR02	2007-001247	R-CHIP	91OHM,5%,1/10W,DA,TP,2012	
RR03	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
RR04	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
RR05	2007-000822	R-CHIP	390OHM,5%,1/10W,DA,TP,2012	
RR06	2007-000308	R-CHIP	10OHM,5%,1/10W,DA,TP,2012	
RR08	2007-000593	R-CHIP	22OHM,5%,1/10W,DA,TP,2012	
RR11	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
HS2	BH99-00008F	ASSY HEAT/SINK	HS VIDEO,SCREW+NUT,LM2412,-,-,-	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	6006-001008	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
CIS	6021-000118	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
CIS	BH13-00024A	IC HYBRID	LM2412T,AQ19FS,11P,-20TO+100C,TO-220-11L,26MA,90V,ST	
CIS	BH62-00012A	HEAT SINK-VIDEO	A1050S,T2.0,-,PEGSUS	SNA

7-2-1 AQ19** Main PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
C416	2306-000147	C-FILM,MPPF	1uF,5%,250V,BK,26x24x15,22.5mm	
C602	2305-001049	C-FILM,MPEF	1000nF,10%,275V,BK,31x23x13mm,27.5	⚠
C607	2401-003391	C-AL	220uF,20%,450V,GP,BK,25x50,10	⚠
C701	2301-001314	C-FILM,MPPF	470NF,10%,275V,BK,25X11.5X21MM,22.5	
CIS	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0202-001046	SOLDER-WIRE FLUX	CF-110VH-2A,-,-,-,-	SNA
CIS	0202-001172	SOLDER-WIRE FLUX	RS-107,RS60,D1.2,SN60/PB40,-	SNA
CIS	0203-001199	TAPE-KRAFT	#53110,T0.1,W6,L2000M,BRN	SNA
CIS	0203-001200	TAPE-PAPER	#53128,T0.15,W5.5,L2000M,BEIGE	SNA
CIS	0203-001201	TAPE-PAPER	#FB-300,T0.16,W6,L2000M,R/BLU	SNA
CIS	0204-001095	THINNER	#4520,-,-,-	SNA
CIS	6501-000004	CABLE TIE	DA-80,T1,W2.5,L80,NTR,NYLON66	SNA
CIS	BH68-00001A	LABEL/MARK-CDT	ART-PAPER 100G,-,WHT,BLK,-,ALL,CDT	SNA
CIS	BH71-00141B	SHIELD-BOTTOM	AQ19FS,SECC ,T1.0,-,DELL,-	SNA
CIS	BH72-00296A	SHAFT-POWER	PN19LT,ABS+PC,IV16,-,5V,-,-,-	SNA
CIS	BH72-00351A	SHEET-LMF	AQ19FS,AL+PET,-,-,-,-,-,-	SNA
CIS	BH72-60765A	GUIDE-POWER	CSM92*,ABS+PC,5V,IV16,T3,-	SNA
CIS	BH73-60304C	RUBBER-SUPPORT	DP15LT,CR V0,GRAY,-,14*7*10,-,-	SNA
CIS	BH46-00003V	MICOM-S/W	AQUILA19,-,-,-,-,-,-	SNA
CN201	3711-004352	CONNECTOR-HEADER	BOX,15P,1R,2MM,STRAIGHT,SN	SNA
CN201_ASSY	BH39-00060A	CBF-HARNESS	15P/15P,180MM,WHT/BLU/RED/BLK,UL1007,AWG26,SMH200-15	
CN202	3711-004351	CONNECTOR-HEADER	NOWALL,16P,1R,2.54MM,STRAIGHT,SN	SNA
CN204	3711-004379	CONNECTOR-HEADER	BOX,4P,1R,2MM,STRAIGHT,SN	SNA
CN205	3711-004484	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SNA
CN205_ASSY	BH39-00362A	WIRE HARNESS	AQ19FS,UL1007#26,UL/CSA,5P/5P,320MM,WHT,AWG26,SMH200-05,-,-,-,-,-,-,-	
CN211	3711-004484	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SNA
CN211+CN212	BH39-00368A	CBF HARNESS	AQ17IS,U2464#26-4C,U2464,80°C,300V,5P/5P,240MM,BLK,26AWG*4,SMH200-05,SMH200-05,B	
CN212	3711-004484	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SNA
CN401	3711-003989	CONNECTOR-HEADER	NOWALL,4P,1R,8mm,STRAIGHT,SN	SNA
CN409	3711-000885	CONNECTOR-HEADER	3WALL,3P,1R,2.5mm,STRAIGHT,SN	SNA
CORE_FBT	3301-000130	CORE-FERRITE	AC,23.5x9.4x12.6mm,1500,2800G	SNA
D402	0402-001441	DIODE-RECTIFIER	-,40V,3A,DO-201AD,BK	⚠
D505	0402-001295	DIODE-RECTIFIER	GUR460L-5700,600V,4A,DO-201AD,BK	
D507	0402-001295	DIODE-RECTIFIER	GUR460L-5700,600V,4A,DO-201AD,BK	
D601	0402-001227	DIODE-BRIDGE	D3SBA60,600V,2.3A,SIP-4,BK	⚠
D647	0402-000250	DIODE-RECTIFIER	RG4C,1000V,1A,-	⚠
EY599	BH39-00232A	CBF-HARNESS	DP17MQ,UL1032,UL/CSA,1P,290MM,RED,AWG22,YHF800-1,-,-,-,-,-,-,-,CBF-CONN ASS'Y	
FG601	3601-000455	FUSE-CARTRIDGE	250V,4A,TIME-LAG,CERAMIC,5.2x20mm	⚠
HS301	6502-000132	CABLE CLAMP	DAWS-1NE,ID11,L21.0,NTR,NYLON66	SNA
HS402_1	6502-000135	CABLE CLAMP	DAWS-2NA,ID10,-,NTR,NYLON66	SNA
HS504	6502-000001	CABLE CLAMP	DAWH-5NB,D15,L35,NTR,NYLON66	SNA
IC201	0903-001237	IC-MICROCONTROLLER	ST72774,8BIT,DIP,42P,-,24MHZ,ST,HCMOS,PLASTIC,5.5V,-,0TO+70C,1KB,60KB,8BIT,-,IC-	SNA
IC201_SOCKET	3704-001071	SOCKET-IC	42P,DIP,SN,1.778mm	
IC250	1204-001697	IC-DEF. PROCESSOR	TDA9112,DIP,32P,350MIL,PLASTIC,13.2V,-,0to+70C,ST,DEF.PROCESSOR	
IC403	BH13-00009A	IC-H/V CONVERGENCE	PG17/19,AN5452,SIP,12P,H/V CONVERGENCE,-,1171MW	
IC620	0604-001018	PHOTO-COUPLER	DAR-TR,63-125%,200mW,DIP-4,ST	⚠ SNA
JW01	BH39-40306D	CBF-HARNESS	,80MM,BLK,1015,AWG22,-,-,-,-,-	
L402	BH27-20345J	COIL-HORIZ.CENTER	-,3.5mH,-,OB6*30-1HHA,-,-,-,-,6.0ohm,-,-,-,BULK	
L403	BH26-00001A	TRANS-H.LINEARITY	-,-,5P,-,-,5.0UH/47.5MH,-, ,-,19.0,-,YL-81,DR1420,C:6.0,-,-,BULK,-	
L503	BH27-00037A	COIL-CHOKE	3.5uH,+/-10%,12*15,BULK,-,-	
L601	BH27-00025A	COIL-LINE FILTER	-,24.0mH,-,SQE-2828,65.5Ts,PHENOLIC,-,-,0.20 ohm,-,-,-,BK	
L701	BH27-00053A	COIL CHOKE	T0-2012,195uH,-,20.20*12.57*6.35,65Ts,PHENOLIC,-,-,0.08ohm,17.0*32.0*10.0,-,-,-	
LC601	2901-001173	FILTER-EMI AC LINE	250V,3A,UL/CSA/TUV/SEMKO,2200pF,32x39.7x23.4mm,BK,-	

Loc. No.	Code No.	Description	Specification	Remarks
M/PCB	BH73-60304C	RUBBER-SUPPORT	DP15LT,CR V0,GRAY,-,14*7*10,-,-	SNA
OP1	0601-001147	LED	ROUND,GRN,4.75mm,565nm	SNA
POS601	1404-000002	THERMISTOR-PTC	9ohm,20%,-,-,TR,RECT,-	
Q401	0505-001357	FET-SILICON	SKS4N20,N,200V,3A,1.3OHM,27W,TO-220F	
Q407	0505-001305	FET-SILICON	SKS10N20,N,200V,6.9A,0.36OHM,39W,TO-220F	
R400	2003-000724	R-METAL OXIDE(S)	5.6ohm,5%,3W,AA,TP,6x16mm	
R407	2003-000423	R-METAL OXIDE(S)	1.2ohm,5%,3W,AA,TP,6x16mm	
R516	2006-001066	R-CEMENT	33OHM,5%,7W,CS,BK,9X10X54MM	
R608	2003-000756	R-METAL OXIDE(S)	6.8Kohm,5%,3W,AA,TP,6x16mm	
RL601	3501-001111	RELAY-POWER	12Vdc,250mW,5A,1FormA,15mS,5mS	⚠
SH/BNC+SH/BTM	6003-000010	SCREW-TAPTITE	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
SH/BTM+M/PCB	6003-000010	SCREW-TAPTITE	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
SH/LMF+B/BTM	6003-000010	SCREW-TAPTITE	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
SW1	3403-001116	SWITCH-PUSH	30VDC,0.1A,2C2P,SELF LOCK,-	
T401	BH26-00094A	TRANS HORIZ.DRIVE	EI-2218,PN19,8P,2.5mH,-,-,78uH,-,-,0.6ohm/0.12ohm,-,PL3,DMR30,EI-2218,18.0uH,-,-	⚠
T402	BH26-00093A	TRANS-H-.PULSE	EI-2820,PN19,10P,1.5mH,-,-,130uH,-,-,1.2ohm/0.32ohm,-,PL3,DMR30,EI-2820,70uH MAX	⚠
T501	BH26-00131A	TRANS FBT	FOM21A010,AQ19IS,80.0UH,SM-19C,FUR3757(SM19C),0.145,76.5V,15P,-10~ +50,BK,27KV	
T502	BH26-00086A	TRANS-FOCUS	EE1916,-,5P,1.7mH MIN,-,-,255mH MIN,-,-,0.85ohm/32.0ohm,-,EE1916(PL3,SL-2),EE19*	⚠
T601	BH26-00128A	TRANS POWER	ER-3942(18P),AQ17IS,130UH,18P,AC90 ~240V,-,-,-,-,-,PL3,DMR30,EER 39*42,0.1OHM MA	
T620	BH26-30302S	TRANS-SYNC.	-,-,-,-,-,3-1(250UH),4-6(250UH,-,-,-,0.13OHM,-,SB-5S,UU1116,-,-,-,B,-	⚠
T701	BH27-00081A	COIL-PFC	EER-2828,135uH,10%,EER2828(PL3,J2A-1),USTC0.25*932Ts,PHELOLIC,-, GREEN COLOR TAP	
TH601	1404-001076	THERMISTOR-NTC	8ohm,15%,-,17mW/C,TP	⚠
VR401	2103-001049	VR-SEMI	100ohm,30%,1/5W,SIDE	
BD201	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD280	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD401	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD532	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD602	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD603	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD604	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD651	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD652	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD653	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
C201	2201-000119	C-CERAMIC,DISC	100nF,+80-20%,50V,Y5V,TP,8x3,5	
C202	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C203	2201-000389	C-CERAMIC,DISC	0.022nF,5%,50V,NP0,TP,5x3,5	
C204	2201-000389	C-CERAMIC,DISC	0.022nF,5%,50V,NP0,TP,5x3,5	
C208	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C209	2401-000603	C-AL	1uF,20%,50V,GP,TP,5x11,5	
C210	2401-001509	C-AL	47uF,20%,16V,GP,TP,5x7mm,5	
C211	2201-000017	C-CERAMIC,DISC	1nF,10%,50V,Y5P,TP,5x3.5,5	
C212	2201-000144	C-CERAMIC,DISC	0.1nF,5%,50V,NP0,TP,8.5x3,5	
C213	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C214	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C216	2202-002008	C-CERAMIC,MLC-AXIAL	10nF,+80-20%,50V,Y5V,TP,2.3X3.	
C220	2401-001281	C-AL	4.7uF,20%,50V,WT,TP,5x11,5	
C250	2202-000654	C-CERAMIC,MLC-RADIAL	100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5	
C251	2301-000148	C-FILM,PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	
C252	2202-002149	C-CERAMIC,MLC-RADIAL	0.82NF,2%,50V,NPO,TP,5.1X3.2X6.4MM,5	
C253	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,TP,7x3,2.5	
C254	2401-002075	C-AL	4.7uF,20%,50V,GP,TP,5x11,5	
C255	2305-000237	C-FILM,MPEF	1uF,5%,63V,TP,7.5x15.5mm,5mm	
C256	2301-000148	C-FILM,PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	

Loc. No.	Code No.	Description	Specification	Remarks
C257	2301-000188	C-FILM,PEF	1nF,5%,100V,TP,10.5x12.5x6.5,5	
C258	2201-000132	C-CERAMIC,DISC	0.1nF,10%,500V,Y5P,TP,6.5x3,5	
C259	2401-000050	C-AL	10uF,20%,16V,GP,TP,5x11,2.5	
C260	2202-000654	C-CERAMIC,MLC-RADIAL	100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5	
C264	2401-000031	C-AL	47uF,20%,16V,GP,TP,5x11,5	
C265	2305-000412	C-FILM,MPEF	470nF,5%,63V,TP,-,5mm	
C266	2301-000168	C-FILM,PEF	150nF,5%,100V,TP,11.5x19mm,7.5	
C268	2401-003484	C-AL	10uF,20%,100V,LZ,TP,6.3X11,5	
C269	2401-000480	C-AL	10uF,20%,50V,GP,TP,5x11,5	
C270	2201-000119	C-CERAMIC,DISC	100nF,+80-20%,50V,Y5V,TP,8x3,5	
C271	2401-000025	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	
C280	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C281	2401-000480	C-AL	10uF,20%,50V,GP,TP,5x11,5	
C283	2201-000144	C-CERAMIC,DISC	0.1nF,5%,50V,NP0,TP,8.5x3,5	
C284	2201-000144	C-CERAMIC,DISC	0.1nF,5%,50V,NP0,TP,8.5x3,5	
C285	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C301	2401-000142	C-AL	1000uF,20%,16V,WT,TP,10x20,5	
C302	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C303	2401-002274	C-AL	220uF,20%,35V,WT,TP,10x12.5,5	
C304	2401-000597	C-AL	1uF,20%,50V,GP,TP,4x7mm,1.5mm	
C305	2301-000013	C-FILM,PEF	4.7nF,5%,100V,TP,10.5x12.5x6.5	
C306	2305-000237	C-FILM,MPEF	1uF,5%,63V,TP,7.5x15.5mm,5mm	
C307	2301-000010	C-FILM,PEF	100nF,5%,100V,TP,11.5x12.5mm,5	
C308	2401-000142	C-AL	1000uF,20%,16V,WT,TP,10x20,5	
C309	2301-000294	C-FILM,PEF	56nF,5%,100V,TP,9.5x12.5mm,5mm	
C310	2301-000287	C-FILM,PEF	5.6nF,5%,100V,TP,10.5x12.5x6.5	
C312	2305-000237	C-FILM,MPEF	1uF,5%,63V,TP,7.5x15.5mm,5mm	
C401	2401-000049	C-AL	47uF,20%,100V,WT,TP,10x16,5	
C402	2201-000132	C-CERAMIC,DISC	0.1nF,10%,500V,Y5P,TP,6.5x3,5	
C403	2201-000291	C-CERAMIC,DISC	1nF,10%,500V,Y5P,TP,7.5x3.5,5	
C404	2301-000020	C-FILM,PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	
C405	2305-000624	C-FILM,MPEF	330nF,10%,100V,TP,-,5mm	
C406	2305-000624	C-FILM,MPEF	330nF,10%,100V,TP,-,5mm	
C407	2305-000624	C-FILM,MPEF	330nF,10%,100V,TP,-,5mm	
C408	2303-001022	C-FILM,PPF	2nF,5%,2.5KV,TP,23x12x19mm,7.5	⚠
C409	2303-001022	C-FILM,PPF	2nF,5%,2.5KV,TP,23x12x19mm,7.5	⚠
C410	2201-000291	C-CERAMIC,DISC	1nF,10%,500V,Y5P,TP,7.5x3.5,5	
C411	2306-000127	C-FILM,MPPF	120nF,5%,400V,TP,21.5x17mm,5mm	
C412	2305-001041	C-FILM,MPEF	220nF,5%,63V,TP,7.5x4.5x13.5,5	
C413	2306-000127	C-FILM,MPPF	120nF,5%,400V,TP,21.5x17mm,5mm	
C414	2306-000179	C-FILM,MPPF	300nF,5%,250V,TP,20x18.5x10.5,	
C415	2301-001194	C-FILM,MPPF	470nF,5%,250V,TP,18x16x8,7.5	
C417	2306-000125	C-FILM,MPPF	120nF,5%,250V,TP,19x15x7,7.5mm	
C418	2301-001249	C-FILM,MPPF	68nF,5%,400V,TP,19x7x15mm,7.5	
C433	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C440	2401-003080	C-AL	3.3UF,20%,50V,BP,TP,5X11,2.5	
C450	2401-000025	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	
C451	2401-002299	C-AL	4.7uF,20%,50V,GP,TP,5x7,5	
C452	2301-000148	C-FILM,PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	
C453	2202-000561	C-CERAMIC,MLC-RADIAL	680pF,5%,50V,NPO,TP,5.1x3.2,5.	
C454	2201-000017	C-CERAMIC,DISC	1nF,10%,50V,Y5P,TP,5x3.5,5	
C456	2303-000011	C-FILM,PPF	1nF,5%,100V,TP,14x11.5mm,7.5mm	
C457	2201-000602	C-CERAMIC,DISC	0.56nF,5%,50V,SL,TP,10x3.5,5	

Loc. No.	Code No.	Description	Specification	Remarks
C458	2202-002008	C-CERAMIC,MLC-AXIAL	10nF,+80-20%,50V,Y5V,TP,2.3X3.	
C459	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C460	2301-000020	C-FILM,PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	
C461	2201-000012	C-CERAMIC,DISC	0.22nF,10%,1kV,Y5P,TP,6.3x5,5	
C462	2301-000020	C-FILM,PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	
C463	2401-001548	C-AL	47uF,20%,25V,WT,TP,5x11,5	
C464	2301-001322	C-FILM,PPF	33nF,5%,250V,TP,17.5x5x11mm,7.5	
C465	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C466	2401-003525	C-AL	10uF,20%,250V,LZ,TP,10X20,5	
C467	2301-000102	C-FILM,PEF	1.2nF,5%,100V,TP,5.4x10mm,5mm	
C468	2201-000131	C-CERAMIC,DISC	0.1nF,10%,2kV,Y5P,TP,6.3x5,5	
C501	2301-000294	C-FILM,PEF	56nF,5%,100V,TP,9.5x12.5mm,5mm	
C502	2301-000148	C-FILM,PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	
C503	2401-001378	C-AL	470uF,20%,16V,WT,TP,10x20,5	
C504	2401-000292	C-AL	100uF,20%,16V,WT,TP,8x11.5mm,5	
C505	2201-000163	C-CERAMIC,DISC	10nF,+80-20%,50V,Y5V,TP,7x3,2.5	
C506	2305-001041	C-FILM,MPEF	220nF,5%,63V,TP,7.5x4.5x13.5,5	
C507	2201-000119	C-CERAMIC,DISC	100nF,+80-20%,50V,Y5V,TP,8x3,5	
C508	2401-000031	C-AL	47uF,20%,16V,GP,TP,5x11,5	
C509	2401-000031	C-AL	47uF,20%,16V,GP,TP,5x11,5	
C510	2301-000312	C-FILM,PEF	8.2nF,5%,100V,TP,6x12.5mm,5mm	
C511	2303-000147	C-FILM,PPF	1NF,5%,2KV,TP,23X13X8MM,7.5	
C512	2401-001576	C-AL	47uF,20%,50V,GP,TP,8x11.5,5	
C513	2401-000638	C-AL	2.2uF,20%,350V,WT,TP,10x12.5mm	
C514	2201-000325	C-CERAMIC,DISC	2.2nF,10%,500V,Y5P,TP,9.5x4,5	
C516	2401-000771	C-AL	220uF,20%,100V,WT,TP,16x25,7.5	
C520	2301-001027	C-FILM,PEF	15nF,10%,250V,TP,9.5x12x4.5,5m	
C530	2401-000638	C-AL	2.2uF,20%,350V,WT,TP,10x12.5mm	
C531	2401-000026	C-AL	3.3UF,20%,50V,GP,TP,5X11,5	
C532	2301-001480	C-FILM,MPEF	2000NF,5%,100V,TP,17X16.5X9.5,7.5	
C533	2305-000665	C-FILM,MPEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	⚠
C535	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C536	2201-000119	C-CERAMIC,DISC	100nF,+80-20%,50V,Y5V,TP,8x3,5	
C540	2201-000285	C-CERAMIC,DISC	1nF,10%,1kV,Y5P,TP,8x5,5	
C550	2201-000144	C-CERAMIC,DISC	0.1nF,5%,50V,NP0,TP,8.5x3,5	
C551	2301-000168	C-FILM,PEF	150nF,5%,100V,TP,11.5x19mm,7.5	
C552	2305-000004	C-FILM,MPEF	220nF,10%,100V,TP,12.7x16,5mm	
C559	2201-000129	C-CERAMIC,DISC	0.1nF,10%,1kV,Y5P,TP,7x4,5	
C562	2401-001576	C-AL	47uF,20%,50V,GP,TP,8x11.5,5	
C598	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C599	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C603	2201-000023	C-CERAMIC,DISC	2.2nF,20%,125V,Y5U,TP,11x7,5	⚠
C604	2201-000023	C-CERAMIC,DISC	2.2nF,20%,125V,Y5U,TP,11x7,5	⚠
C605	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C608	2401-000015	C-AL	33uF,20%,50V,WT,-,6.3x11mm,2.5	
C609	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C610	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C611	2201-000012	C-CERAMIC,DISC	0.22nF,10%,1kV,Y5P,TP,6.3x5,5	
C612	2201-000129	C-CERAMIC,DISC	0.1nF,10%,1kV,Y5P,TP,7x4,5	
C613	2201-000023	C-CERAMIC,DISC	2.2nF,20%,125V,Y5U,TP,11x7,5	
C614	2201-000023	C-CERAMIC,DISC	2.2nF,20%,125V,Y5U,TP,11x7,5	⚠
C620	2401-000613	C-AL	1uF,20%,50V,WT,TP,5x11,5	
C621	2301-000010	C-FILM,PEF	100nF,5%,100V,TP,11.5x12.5mm,5	

Loc. No.	Code No.	Description	Specification	Remarks
C622	2301-000013	C-FILM,PEF	4.7nF,5%,100V,TP,10.5x12.5x6.5	
C624	2301-000016	C-FILM,PEF	22nF,5%,100V,TP,7.2x4.5x9.0mm,	
C625	2401-000025	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	
C627	2301-000004	C-FILM,PEF	2.2nF,5%,100V,TP,5.5X10X2.9,5m	⚠
C628	2301-000174	C-FILM,PEF	15nF,5%,100V,TP,7.2x4.0x7.5mm,	⚠
C629	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
C641	2401-000142	C-AL	1000uF,20%,16V,WT,TP,10x20,5	
C642	2401-000142	C-AL	1000uF,20%,16V,WT,TP,10x20,5	
C643	2401-001378	C-AL	470uF,20%,16V,WT,TP,10x20,5	
C644	2401-000770	C-AL	220uF,20%,100V,WT,TP,13*25,5mm	
C645	2401-001422	C-AL	470uF,20%,35V,WT,TP,12.5x25,5	
C646	2401-000040	C-AL	47uF,20%,250V,WT,TP,16x25mm,7.	
C649	2201-000551	C-CERAMIC,DISC	0.47nF,10%,1kV,Y5P,TP,6.3x5,5	
C650	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C651	2202-002008	C-CERAMIC,MLC-AXIAL	10nF,+80-20%,50V,Y5V,TP,2.3X3.	
C652	2401-000010	C-AL	220uF,20%,16V,GP,-,6.3x11mm,2.	⚠
C653	2201-000119	C-CERAMIC,DISC	100nF,+80-20%,50V,Y5V,TP,8x3,5	⚠
C654	2401-000142	C-AL	1000uF,20%,16V,WT,TP,10x20,5	
C655	2301-000148	C-FILM,PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	
C656	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C702	2305-001041	C-FILM,MPEF	220nF,5%,63V,TP,7.5x4.5x13.5,5	
C703	2201-000602	C-CERAMIC,DISC	0.56nF,5%,50V,SL,TP,10x3.5,5	
C705	2301-000188	C-FILM,PEF	1nF,5%,100V,TP,10.5x12.5x6.5,5	
C706	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C708	2401-000970	C-AL	22uF,20%,50V,WT,TP,5x11,5	
C710	2201-000019	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	
CIS	0203-001199	TAPE-KRAFT	#53110,T0.1,W6,L2000M,BRN	SNA
CIS	0203-001200	TAPE-PAPER	#53128,T0.15,W5.5,L2000M,BEIGE	SNA
CIS	0203-001201	TAPE-PAPER	#FB-300,T0.16,W6,L2000M,R/BLU	SNA
CN209	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN210	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN414	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN415	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN420	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN421	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN601	3711-000217	CONNECTOR-HEADER	1WALL,3P,1R,3.96mm,STRAIGHT,SN	SNA
CN602	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	⚠ SNA
CN603	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN608	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN609	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
D201	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D202	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D250	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D251	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D254	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D282	0402-001039	DIODE-RECTIFIER	SB020,20V,600mA,MPG06,TP	
D301	0402-000272	DIODE-RECTIFIER	UF4001,50V,1A,DO-41,TP	
D302	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D303	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D401	0402-000274	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	
D405	0402-000012	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	
D406	0402-000012	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	
D407	0402-000274	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	

Loc. No.	Code No.	Description	Specification	Remarks
D408	0402-000272	DIODE-RECTIFIER	UF4001,50V,1A,DO-41,TP	
D450	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D451	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D452	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D453	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D454	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
D456	0402-000454	DIODE-RECTIFIER	RG10V1,400V,1.2A,DO-201	
D478	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D501	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D503	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D504	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D508	0402-000012	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	
D509	0402-000274	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	
D510	0402-000274	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	
D520	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
D521	0402-001114	DIODE-RECTIFIER	1N4936GP,400V,1A,DO-204AL,TP	
D522	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D523	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D530	0402-000017	DIODE-RECTIFIER	RGP02-12,1200V,0.5A,DO-204AL,T	
D532	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D540	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D551	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D552	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D553	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D561	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D598	0402-000017	DIODE-RECTIFIER	RGP02-12,1200V,0.5A,DO-204AL,T	
D599	0402-000017	DIODE-RECTIFIER	RGP02-12,1200V,0.5A,DO-204AL,T	
D602	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D604	0402-000012	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	
D605	0402-000012	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	
D606	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
D620	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D621	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D640	0402-000274	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	
D642	0402-001118	DIODE-RECTIFIER	UF1G,400V,1.2A,DO-204AL,TP	⚠
D644	0402-001190	DIODE-RECTIFIER	RG10Z,200V,1.2A,DO-15,TP	
D646	0402-000274	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	⚠
D650	0402-000017	DIODE-RECTIFIER	RGP02-12,1200V,0.5A,DO-204AL,T	
D670	0403-000509	DIODE-ZENER	MTZJ5.6B,5.6V,5.45-5.73V,500mW	
D702	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
D703	0402-001111	DIODE-RECTIFIER	1N5397GP,600V,1.5A,DO-204AC,TP	
D704	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
EY301	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY302	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY401	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY402	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY403	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY404	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY405	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY408	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY409	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY410	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY411	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA

Loc. No.	Code No.	Description	Specification	Remarks
EY412	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY413	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY415	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY420	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY440	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	⚠ SNA
EY441	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY501	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY502	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY503	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY504	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY505	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY506	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY507	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY508	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY509	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY510	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY511	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY512	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY550	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY599	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY6	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY601	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	⚠ SNA
EY602	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY603	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY604	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY607	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY608	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	⚠ SNA
EY609	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY61	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY610	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY611	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY612	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY613	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY614	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY615	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY616	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY703	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY704	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY705	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
FH601	3602-000001	FUSE-CLIP	-,-,30mohm	SNA
IC202	1203-000515	IC-VOL. DETECTOR	7042,TO-92,3P,177MIL,PLASTIC,4	SNA
IC280	1103-001150	IC-EEPROM	524C80D81,8KBit,DIP,8P,300MIL,10mS,5V,10%,PLASTIC,-25to+70C,10uA,CMOS,ST	
IC402	1203-001099	IC-PWM CONTROLLER	3843,DIP,8P,250MIL,PLASTIC,30V	
IC501	1203-000610	IC-PWM CONTROLLER	494,DIP,16P,300MIL,PLASTIC,40V,1W,0TO+70C,250MA,4.75/5.25V,ST	
IC621	1203-000002	IC-POSI.ADJUST REG.	431,TO-92,3P,-,PLASTIC,2.44/2.	⚠
IC701	1203-002081	IC-PWM CONTROLLER	33260,DIP,8P,300MIL,PLASTIC,-,600mW,-40to+105C,-,-,ST	
JP104	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP106	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP113	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP114	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP116	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP150	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP151	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	

Loc. No.	Code No.	Description	Specification	Remarks
JP153	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP154	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP157	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP158	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP159	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP167	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP178	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP184	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP186	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP187	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP189	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP190	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP191	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP192	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP193	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP194	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP197	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP198	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP204	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP210	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP212	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP213	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP216	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP227	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP239	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP245	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP266	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP267	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP268	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP269	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP275	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP276	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP289	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP294	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP295	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP297	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP302	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP303	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP307	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP308	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP323	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP324	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP327	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP328	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP334	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP335	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP337	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP340	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP344	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP346	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP361	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP362	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP363	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	

Loc. No.	Code No.	Description	Specification	Remarks
JP364	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP365	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP371	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP372	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP374	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP375	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP376	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP377	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP378	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP379	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP381	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP383	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP390	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP397	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP399	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP402	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP404	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP412	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP415	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP416	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP417	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP418	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP419	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP421	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP425	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP439	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP440	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP441	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP442	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP451	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP453	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP454	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP455	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP460	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP475	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP480	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP481	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP483	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP486	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP487	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP491	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP511	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP516	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP522	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP546	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP547	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP548	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP549	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP569	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP572	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP574	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP578	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP579	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	

Loc. No.	Code No.	Description	Specification	Remarks
JP581	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP585	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP586	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP587	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP588	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP589	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP590	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP591	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP596	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP597	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP598	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP603	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP609	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP615	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP616	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP617	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP619	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP623	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP626	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP629	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP630	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP632	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP633	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP635	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP637	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP638	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP640	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP643	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP644	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP645	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP646	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP647	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP648	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP649	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP650	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP651	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP652	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP653	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP654	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP655	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP656	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP657	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP659	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP660	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP661	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP662	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP663	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP664	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP665	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP666	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP675	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP678	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP679	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	

Loc. No.	Code No.	Description	Specification	Remarks
JP680	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP681	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP682	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP683	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP684	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP685	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP686	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP687	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP688	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP690	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP692	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP694	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP695	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP696	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP697	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP698	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP699	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP700	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP701	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP702	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP703	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
L501	2701-000179	INDUCTOR-AXIAL	33uH,10%,4.2x9.8mm	
L502	2701-000187	INDUCTOR-AXIAL	4.7uH,10%,4.2x9.8mm	
MP1.0	BH41-00175A	PCB MAIN	AQ17IS, FR1,247*330*1.6T,1.0,1.6T,247*330*1.6T,AQUILA,-,-,-	
Q250	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q251	0501-000303	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-240	
Q301	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q408	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q409	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q410	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q411	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q412	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q450	0501-000303	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-240	
Q451	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q452	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q453	0501-000303	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-240	
Q502	0501-000122	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	
Q503	0501-000581	TR-SMALL SIGNAL	2N3906,PNP,625mW,TO-92,TP,100-300	
Q520	0501-000143	TR-SMALL SIGNAL	2N6520,PNP,625mW,TO-92,TP,30-200	
Q521	0501-000122	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	
Q540	0501-000413	TR-SMALL SIGNAL	KSP44,NPN,625mW,TO-92,TP,50-200	
Q541	0501-000413	TR-SMALL SIGNAL	KSP44,NPN,625mW,TO-92,TP,50-200	
Q553	0501-000361	TR-SMALL SIGNAL	KSC2316-Y,NPN,900mW,TO-92L,TP,120-240	
Q601	0501-000010	TR-SMALL SIGNAL	KSC1008,NPN,800mW,TO-92,TP,120-240	
Q620	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q670	0501-002228	TR-SMALL SIGNAL	KTA1281,PNP,1000mW,TO-92L,TP,120-240	
Q671	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q672	0501-002228	TR-SMALL SIGNAL	KTA1281,PNP,1000mW,TO-92L,TP,120-240	
R200	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R203	2001-000515	R-CARBON	220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R204	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R205	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R206	2001-000739	R-CARBON	4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	

Loc. No.	Code No.	Description	Specification	Remarks
R207	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R208	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R209	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R210	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R211	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R215	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R216	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R218	2001-000613	R-CARBON	3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R219	2001-000591	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R220	2001-000331	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R221	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	⚠
R222	2001-000613	R-CARBON	3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R225	2001-000435	R-CARBON	1MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R226	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R227	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R228	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R229	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R230	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R231	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R233	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R236	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R237	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R238	2001-000472	R-CARBON	2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R239	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R240	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R242	2001-000008	R-CARBON	15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R243	2001-000008	R-CARBON	15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R250	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R251	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R252	2001-000563	R-CARBON	27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R253	2004-001118	R-METAL	5Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
R254	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R255	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R256	2004-004367	R-METAL	90Kohm,1%,1/4W,AA,TP,6.2x2.6mm	
R261	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R264	2001-000319	R-CARBON	120KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R265	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R266	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R267	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R268	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R269	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R270	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R271	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R272	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R278	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R280	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R281	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R282	2001-001050	R-CARBON(S)	1.5KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R283	2001-000005	R-CARBON	390ohm,5%,1/8W,AA,TP,1.8x3.2mm	
R284	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R301	2004-000344	R-METAL	15Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
R302	2004-001136	R-METAL	6.8Kohm,1%,1/4W,AA,TP,2.4x6.4m	
R303	2005-001064	R-WIRE WOUND	0.9OHM,5%,2W,AA,TP,3.8X11MM	

Loc. No.	Code No.	Description	Specification	Remarks
R304	2001-000037	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R305	2001-000105	R-CARBON	1.5KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R306	2001-000016	R-CARBON(S)	1OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R307	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R308	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R309	2001-000977	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R310	2001-000591	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R311	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R312	2008-000114	R-FUSIBLE	1.2ohm,5%,1/2W,AA,TP,3.5x9.4mm	
R313	2004-001254	R-METAL	8.2Kohm,1%,1/4W,AA,TP,2.4x6.4m	
R314	2004-000458	R-METAL	2.2Kohm,1%,1/4W,AA,TP,2.4x6.4m	
R315	2004-000334	R-METAL	150ohm,1%,1/4W,AA,TP,2.4x6.4mm	
R316	2008-000114	R-FUSIBLE	1.2ohm,5%,1/2W,AA,TP,3.5x9.4mm	
R402	2001-000047	R-CARBON	2.2KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R403	2003-000533	R-METAL OXIDE(S)	18ohm,5%,3W,AA,TP,6x16mm	
R404	2001-000515	R-CARBON	220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R405	2001-001163	R-CARBON(S)	560OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R406	2001-000019	R-CARBON(S)	10OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R408	2003-000473	R-METAL OXIDE(S)	10ohm,5%,3W,AA,TP,6x16mm	
R409	2003-000547	R-METAL OXIDE(S)	1ohm,5%,3W,AA,TP,6x16mm	
R410	2003-000502	R-METAL OXIDE(S)	150ohm,5%,2W,AA,TP,4x12mm	
R412	2001-001153	R-CARBON(S)	47OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R413	2001-001153	R-CARBON(S)	47OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R414	2003-000450	R-METAL OXIDE(S)	100Kohm,5%,3W,AA,TP,6x16mm	
R420	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R421	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R422	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R423	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R424	2001-000411	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R425	2001-000411	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R426	2001-000411	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R427	2001-000411	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R428	2001-000411	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R429	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R430	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R431	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R432	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R433	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R434	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R435	2001-000037	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R440	2001-000022	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R441	2003-000661	R-METAL OXIDE(S)	33ohm,5%,2W,AA,TP,4x12mm	
R444	2001-001120	R-CARBON(S)	3.3OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R450	2001-000011	R-CARBON	75KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R451	2001-000017	R-CARBON	4.7OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R452	2001-000645	R-CARBON	330KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R453	2001-000539	R-CARBON	24KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R454	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R455	2001-000411	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R456	2001-000011	R-CARBON	75KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R459	2004-000616	R-METAL	24Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
R460	2004-000284	R-METAL	12Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
R461	2001-000055	R-CARBON	4.7KOHM,5%,1/4W,AA,TP,2.4X6.4MM	

Loc. No.	Code No.	Description	Specification	Remarks
R462	2004-000412	R-METAL	18Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
R463	2001-000042	R-CARBON	1KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R464	2001-000042	R-CARBON	1KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R465	2001-000028	R-CARBON(S)	100OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R466	2001-000050	R-CARBON	2.7KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R467	2008-000140	R-FUSIBLE	2.2ohm,5%,1/2W,AA,TP,3.5x9.4mm	
R468	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R490	2004-000580	R-METAL	22Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
R501	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R502	2001-000331	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R503	2001-000812	R-CARBON	5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R504	2001-000689	R-CARBON	390KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R505	2001-000977	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R506	2001-000800	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R507	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R508	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R509	2001-000800	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	⚠
R510	2001-000780	R-CARBON	470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R511	2001-000018	R-CARBON	6.8OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R512	2005-000210	R-WIRE WOUND	0.33ohm,5%,1W,AC,BK,4.5x11mm	
R515	2001-000073	R-CARBON	33KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R520	2001-000084	R-CARBON	100KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R521	2001-000546	R-CARBON	270KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R522	2004-000515	R-METAL	200Kohm,1%,1/4W,AA,TP,2.4x6.4m	
R523	2001-000096	R-CARBON(S)	1MOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R524	2004-001254	R-METAL	8.2Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠
R525	2004-000123	R-METAL	1.2Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠
R526	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R527	2001-000878	R-CARBON	6.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R531	2004-000964	R-METAL	470Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠
R532	2004-000643	R-METAL	270Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠
R541	2001-000114	R-CARBON(S)	180KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R542	2001-000114	R-CARBON(S)	180KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R543	2002-001079	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	
R545	2001-000331	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R546	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R547	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R550	2002-001079	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	
R551	2001-000723	R-CARBON	4.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R552	2001-000319	R-CARBON	120KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R553	2001-000105	R-CARBON	1.5KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R555	2001-001144	R-CARBON(S)	4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R556	2001-001153	R-CARBON(S)	47OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R557	2003-000459	R-METAL OXIDE(S)	100ohm,5%,3W,AA,TP,6x16mm	
R558	2003-000008	R-METAL OXIDE(S)	100ohm,5%,1W,AA,TP,3.3x9mm	
R560	2001-000800	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	⚠
R561	2001-000331	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R563	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R564	2001-000591	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R565	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R567	2002-001079	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	
R596	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
R597	2002-001075	R-COMPOSITION	30Mohm,5%,1/2W,AA,TP,4.0x10mm	

Loc. No.	Code No.	Description	Specification	Remarks
R598	2001-000114	R-CARBON(S)	180KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R599	2001-001110	R-CARBON(S)	240KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R601	2001-000354	R-CARBON	150KOHM,5%,1/4W,AA,TP,2.4X6.4MM	⚠
R602	2001-000354	R-CARBON	150KOHM,5%,1/4W,AA,TP,2.4X6.4MM	⚠
R603	2001-000022	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R604	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R605	2001-000044	R-CARBON	1.2KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R606	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R607	2001-000087	R-CARBON(S)	120KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R609	2001-000376	R-CARBON	15OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R620	2001-000552	R-CARBON	270OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R621	2001-000003	R-CARBON	330ohm,5%,1/8W,AA,TP,1.8x3.2mm	⚠
R622	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R623	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R624	2001-000034	R-CARBON	220OHM,5%,1/4W,AA,TP,2.4X6.4MM	⚠
R625	2001-000508	R-CARBON	220KOHM,5%,1/8W,AA,TP,1.8X3.2MM	⚠
R626	2004-000679	R-METAL	2Kohm,1%,1/4W,AA,TP,2.4x6.4mm	⚠
R627	2004-000523	R-METAL	200ohm,1%,1/4W,AA,TP,2.4x6.4mm	⚠
R628	2002-001082	R-COMPOSITION	180KOHM,2%,1W,AA,TP,4X12MM	
R629	2001-000890	R-CARBON	6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R630	2001-000577	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R631	2001-000577	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R640	2001-000376	R-CARBON	15OHM,5%,1/8W,AA,TP,1.8X3.2MM	⚠
R644	2001-001131	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
R649	2002-001079	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	
R651	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R655	2002-001079	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	
R656	2001-000028	R-CARBON(S)	100OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R668	2001-000958	R-CARBON	750OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R670	2002-001068	R-COMPOSITION	180Kohm,5%,1/2W,AA,TP,3.9x9mm	
R671	2002-001068	R-COMPOSITION	180Kohm,5%,1/2W,AA,TP,3.9x9mm	
R672	2001-000786	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R673	2001-000472	R-CARBON	2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R674	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R675	2001-001038	R-CARBON(S)	0.56OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R676	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R677	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R688	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R701	2005-001170	R-WIRE WOUND,NON	0.33ohm,1%,3W,AA,TP,5.5x15mm	
R702	2001-001013	R-CARBON	9.1KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R703	2001-000302	R-CARBON	10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R704	2004-001863	R-METAL	680Kohm,1%,1/4W,AA,TP,2.4x7mm	
R705	2004-001863	R-METAL	680Kohm,1%,1/4W,AA,TP,2.4x7mm	
R706	2004-001863	R-METAL	680Kohm,1%,1/4W,AA,TP,2.4x7mm	
R711	2008-000125	R-FUSIBLE	10ohm,5%,1/4W,AA,TP,2.6x6.7mm	
R712	2001-000302	R-CARBON	10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R721	2001-000786	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
SK530	4715-001055	SURGE ABSORBER	1kV,+50-10%,-,-,RADIAL	SNA
TCO	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
X201	2801-003413	CRYSTAL-UNIT	24MHz,30ppm,28-ABQ,20pF,20ohm,	
ZD201	0403-000367	DIODE-ZENER	UZ7.5BSC,7.5V,7.33-7.64V,500mW	
ZD286	0403-000361	DIODE-ZENER	UZ6.2BSB,6.2V,5.99-6.24V,500mW	
ZD450	0403-000004	DIODE-ZENER	UZ12BM,12V,11.6-12.4V,500mW,DO	

Loc. No.	Code No.	Description	Specification	Remarks
ZD520	0403-001068	DIODE-ZENER	UZ4.7BSA,4.7V,4.47-4.65V,500mW	
ZD601	0403-000753	DIODE-ZENER	MTZJ27D,27V,26.29-27.64V,500mW	
ZD705	0403-000004	DIODE-ZENER	UZ12BM,12V,11.6-12.4V,500mW,DO	
ZD706	0403-000538	DIODE-ZENER	MTZ16C,16V,15.69-16.51V,500mW,	
HS301	BH99-00002G	ASSY HEAT/SINK	H/S V.IC,SCREW+NUT,KA2142,-,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	1204-001508	IC-VERTICAL DEF.	KA2142,SIP,10P,-,PLASTIC,35V,15W,-20TO+70C,ST,VERTICAL DEFLECTION	
CIS	6006-001097	SCREW-ASS'Y MACH	WSP,BH,+,M3,L8,ZPC(YEL),SWRCH18A	SNA
CIS	6021-000118	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
CIS	BH62-00047A	HEAT SINK-V.IC	PS17NO(DELL),A1050S,T1.0,70,77,-,-,-	SNA
HS651	BH99-00011B	ASSY HEAT/SINK	HS,SPRING,78R12,7805,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	1203-000001	IC-POSI.FIXED REG.	7805,TO-220,3P,-,PLASTIC,4.8/5	
CIS	1203-000165	IC-POSI.ADJUST REG.	78R12,TO-220,4P,-,PLASTIC,11.7/12.3V,1.5W,-20TO+80C,1A,-,ST	
CIS	BH61-00004A	SPRING-TR	CDA,CDB,SUS304,T0.5,-,-,-,-	SNA
CIS	BH62-00045A	HEAT SINK-TR	AQ19FS,A1050S,T1.0,25,54,-,-,-	SNA
HS504	BH99-00013E	ASSY HEAT/SINK	HS,SPRING,2SK2761,-,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0505-001266	FET-SILICON	2SK2761-01MR,N,600V,10A,0.85oh	
CIS	BH61-00004A	SPRING-TR	CDA,CDB,SUS304,T0.5,-,-,-,-	SNA
CIS	BH62-00020B	HEAT SINK-POWER	PS17NO,A1050S,T1.0,97,55,-,-,-	
HS402_1	BH99-00029C	ASSY HEAT/SINK	HS,SPRING,FJL6820,10F150S,-,MICA,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0402-001319	DIODE-RECTIFIER	SDS10F150S,1.5KV,10A,TO-220F,ST	
CIS	0502-001202	TR-POWER	FJL6820,NPN,200000MW,TO-264,ST,8-	
CIS	BH61-70003A	SPRING	CVT4857,STS304-W1/2H,T0.5,W3.8	SNA
CIS	BH62-00001A	INSULATION-MICA	CSM920B,MICA,-,-,-,-,-,-,POWER-TR	SNA
CIS	BH62-00040A	HEAT SINK-HOR.	PN19MT,A1050S,T2.0,95,110,-,-,-	SNA
HS409	BH99-00030B	ASSY HEAT/SINK	HS TR,SCREW+NUT,SKS10N20(4),-,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0505-001305	FET-SILICON	SKS10N20,N,200V,6.9A,0.36OHM,39W,TO-220F	
CIS	6006-001008	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
CIS	6021-000118	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
CIS	BH62-00044A	HEAT SINK-TR	AQ19FS,A1050S,T2.0,20,55,-,-,-	SNA
HS401	BH99-00041A	ASSY HEAT/SINK	HS,SPRING,SFP9634,-,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0505-001359	FET-SILICON	SFP9634,P,-250V,-5A,1.3OHM,70W,TO-220	
CIS	BH61-00004A	SPRING-TR	CDA,CDB,SUS304,T0.5,-,-,-,-	SNA
CIS	BH62-00039A	HEAT SINK-TR	PN19MT,A1050S,T1.0,20,20,-,-,-	SNA
HS508	BH99-00045A	ASSY HEAT/SINK	HS,SCREW+NUT,TIP29C,-,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0502-000348	TR-POWER	TIP29C,NPN,2W,TO-220,-,15-75	
CIS	6006-001008	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
CIS	6021-000118	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
CIS	BH62-00051A	HEAT SINK-V IC	AQ17,SPC-1,T1.0,H60,L13,-,-,-	SNA

Loc. No.	Code No.	Description	Specification	Remarks
HS509	BH99-00045B	ASSY HEAT/SINK	HS,SCREW+NUT,TIP30C,-,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0502-000351	TR-POWER	TIP30,PNP,2W,TO-220AB,-,15-75	
CIS	6006-001008	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
CIS	6021-000118	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
CIS	BH62-00051A	HEAT SINK-V IC	AQ17,SPC-1,T1.0,H60,L13,-,-,-	SNA
HS60	BH99-10019N	ASSY,HEAT/SINK	HS,-,31DF6,-,-,SOLDER,-,-	SNA
CIS	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0402-001289	DIODE-RECTIFIER	31DF6,600V,3A,DO-201AD,BK	
CIS	BH62-30024B	HEAT/SINK-IC	SPC-1,T1,SN COATING,-	SNA
HS606	BH99-10019Q	ASSY,HEAT/SINK	HS,SOLDER,UF5404,-,-,-,-,-	SNA
CIS	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0402-001294	DIODE-RECTIFIER	UF5404L-5709,400V,3A,DO-201AD,BK	
CIS	BH62-30024B	HEAT/SINK-IC	SPC-1,T1,SN COATING,-	SNA
HSD701	BH99-10019X	ASSY HEAT/SINK	HS TR,SOLDER,GUR460L,-,-,-	SNA
CIS	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0402-001295	DIODE-RECTIFIER	GUR460L-5700,600V,4A,DO-201AD,BK	
CIS	BH62-30024B	HEAT/SINK-IC	SPC-1,T1,SN COATING,-	SNA
HSQ701	BH99-10047E	ASSY HEAT/SINK	HS TR,SCREW+NUT,2SK2761,-,-,OIL SILICON	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0505-001266	FET-SILICON	2SK2761-01MR,N,600V,10A,0.85oh	
CIS	6006-001008	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
CIS	6021-000118	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
CIS	BH62-30409A	HEAT/SINK-TR	A6063S,T1.5,-,CGH7609	SNA
HS601	BH99-10052L	ASSY HEAT/SINK	HS POWER,SPRING,DP408,-,-,RUBBER SILICON	SNA
CIS	BH13-00019A	IC-POWER SWTICH	DP408,PN19MT,5P,-25to+85C,TO-3P-5L,-,35V,ST	
CIS	BH61-70003A	SPRING	CVT4857,STS304-W1/2H,T0.5,W3.8	SNA
CIS	BH62-20001A	SILICON/RUBBER-TR	CSQ4357,W33*L25*T0.45,-,-,-,-,	SNA
CIS	BH62-30411C	HEAT/SINK	A6063S,T1.8,-,ALL	SNA

7-2-2 AQ19** Video PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
CIS	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0202-001046	SOLDER-WIRE FLUX	CF-110VH-2A,-,-,-,-	SNA
CIS	0202-001172	SOLDER-WIRE FLUX	RS-107,RS60,D1.2,SN60/PB40,-	SNA
CIS	0204-001095	THINNER	#4520,-,-,-	SNA
CIS	BH68-00001A	LABEL/MARK-CDT	ART-PAPER 100G,-,WHT,BLK,-,ALL,CDT	SNA
CIS	BH75-00085B	UNIT/SHIELD-COVER(VIDEO)	PG19HS,SPTE T0.2,-,-,-	SNA
CIS	BH39-00084A	CBF-HARNESS	-,100MM,-,-,8*0.16TA*16,35068-9822/35750-101	
CIS	BH71-00021A	COVER-VIDEO(SHIELD)	PG17HS,SPTE,T0.3,-,-	SNA
CIS	BH71-10311A	EARTH-PLATE	PBS 3/4H,T0.2	SNA
CIS	BH75-00193A	UNIT/SHIELD-VIDEO	PG17HS,-,A1050S,-,-,PG,-	SNA
CIS	BH61-00002A	SPRING-VIDEO	CDB7907,STS H14 ,T1.0,-,-,-,NORMAL CDT	SNA
CIS	BH71-00022A	SHIELD-VIDEO	PG17HS,A1050S,T1.0,-,-	SNA
CIS	BH72-00058A	HOLDER-VIDEO	PG17HS,ABS+PC,5V(NONE,1,PHOSPHATE),IV16,-,-	SNA
CIS	BH73-00014A	HOLDER-RUBBER(NORMAL)	DEL,SILICON V2,GRAY,-,-,-,NORMAL	SNA
CLAMP	6502-000001	CABLE CLAMP	DAWH-5NB,D15,L35,NTR,NYLON66	SNA
CN101	3711-004228	CONNECTOR-HEADER	BOX,6P,1R,2MM,ANGLE,SN	SNA
CN102	3711-004123	CONNECTOR-HEADER	BOX,15P,1R,2mm,ANGLE,SN	SNA
HS3	BH62-00048A	HEAT SINK-IC	AQ17,19,A6063S,T2.5,25.6,35,-,-,-	SNA
IC101	1201-001287	IC-VIDEO AMP	52748,DIP,36P,500MIL,TRIPLE,-,	
SH/VID	6502-000001	CABLE CLAMP	DAWH-5NB,D15,L35,NTR,NYLON66	SNA
SH/VID+H/S	6003-000010	SCREW-TAPTITE	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
SK105	3704-001142	SOCKET-CRT	10P,22.5PI,25.6PI,NI,-	
BD104	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
C102	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C103	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C105	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C106	2203-000260	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,2012	
C107	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C109	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C118	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C119	2203-001002	C-CERAMIC,CHIP	0.047nF,5%,50V,NP0,TP,2012	
C120	2203-000818	C-CERAMIC,CHIP	0.033nF,5%,50V,NP0,TP,2012	
C122	2203-001105	C-CERAMIC,CHIP	6.8nF,10%,50V,X7R,TP,2012	
C123	2203-000239	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,2012	
C127	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C154	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C158	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C161	2203-000260	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,2012	
C166	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C171	2203-000361	C-CERAMIC,CHIP	0.15nF,5%,50V,NP0,TP,2012	
C172	2203-000361	C-CERAMIC,CHIP	0.15nF,5%,50V,NP0,TP,2012	
C182	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C182_1	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C186	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C187	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C188	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
C189	2203-001128	C-CERAMIC,CHIP	0.68nF,10%,50V,X7R,TP,2012	
CB01	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
CB03	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
CB21	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
CG01	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
CG03	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
CG21	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	

Loc. No.	Code No.	Description	Specification	Remarks
CR01	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
CR03	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
CR21	2203-000206	C-CERAMIC,CHIP	100nF,10%,50V,X7R,TP,2012	
D104	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
DB01	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
DB05	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
DG01	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
DG05	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
DR01	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
DR05	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
IC103	1204-001864	IC-OSD PROCESSOR	S5D2509X09-S0,SOP,24P,295MIL,PLASTIC,6.5V,1200MW,-20+70C,TR,10LANGUAGES	
IC105	1201-001791	IC-VIDEO AMP	-,SOP,24P,375MIL,-,-,PLASTIC,7V,0.8W,-20TO+80C,-,-,-,-,-,TR	⚠
L103	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L104	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L105	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L106	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
R101	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R102	2007-001208	R-CHIP	82KOHM,5%,1/10W,DA,TP,2012	
R103	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,2012	
R105	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R106	2007-000030	R-CHIP	560OHM,5%,1/10W,DA,TP,2012	
R107	2007-000671	R-CHIP	2KOHM,5%,1/10W,DA,TP,2012	
R108	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R111	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,2012	
R112	2007-000518	R-CHIP	2.7KOHM,5%,1/10W,DA,TP,2012	
R113	2007-000586	R-CHIP	22KOHM,5%,1/10W,DA,TP,2012	
R115	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R118	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R119	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R120	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R124	2007-000030	R-CHIP	560OHM,5%,1/10W,DA,TP,2012	
R125	2007-000511	R-CHIP	2.4KOHM,5%,1/10W,DA,TP,2012	
R151	2007-000981	R-CHIP	5.6KOHM,5%,1/10W,DA,TP,2012	
R152	2007-000355	R-CHIP	12KOHM,5%,1/10W,DA,TP,2012	
R153	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R157	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R158	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R161	2007-000671	R-CHIP	2KOHM,5%,1/10W,DA,TP,2012	
R162	2007-000493	R-CHIP	2.2KOHM,5%,1/10W,DA,TP,2012	
R164	2007-000766	R-CHIP	330OHM,5%,1/10W,DA,TP,2012	
R165	2007-000710	R-CHIP	3.9KOHM,5%,1/10W,DA,TP,2012	
R175	2007-001071	R-CHIP	6.8KOHM,5%,1/10W,DA,TP,2012	
R176	2007-000241	R-CHIP	1.5KOHM,5%,1/10W,DA,TP,2012	
R177	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R178	2007-000981	R-CHIP	5.6KOHM,5%,1/10W,DA,TP,2012	
R180	2007-001177	R-CHIP	8.2KOHM,5%,1/10W,DA,TP,2012	SNA
R188	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R189	2007-000355	R-CHIP	12KOHM,5%,1/10W,DA,TP,2012	
R190	2007-001071	R-CHIP	6.8KOHM,5%,1/10W,DA,TP,2012	
R191	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R193	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R194	2007-000766	R-CHIP	330OHM,5%,1/10W,DA,TP,2012	
R196	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,2012	

Loc. No.	Code No.	Description	Specification	Remarks
R197	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R198	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R199	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,2012	
RB01	2007-001166	R-CHIP	75OHM,5%,1/10W,DA,TP,2012	
RB02	2007-000593	R-CHIP	22OHM,5%,1/10W,DA,TP,2012	
RB04	2007-001071	R-CHIP	6.8KOHM,5%,1/10W,DA,TP,2012	
RB05	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
RB06	2007-000593	R-CHIP	22OHM,5%,1/10W,DA,TP,2012	
RB09	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
RB18	2007-000642	R-CHIP	270OHM,5%,1/10W,DA,TP,2012	
RB26	2007-000766	R-CHIP	330OHM,5%,1/10W,DA,TP,2012	
RB31	2007-000415	R-CHIP	15OHM,5%,1/10W,DA,TP,2012	
RG01	2007-001166	R-CHIP	75OHM,5%,1/10W,DA,TP,2012	
RG02	2007-001133	R-CHIP	68OHM,5%,1/10W,DA,TP,2012	
RG04	2007-001071	R-CHIP	6.8KOHM,5%,1/10W,DA,TP,2012	
RG05	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
RG06	2007-000593	R-CHIP	22OHM,5%,1/10W,DA,TP,2012	
RG09	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
RG18	2007-000642	R-CHIP	270OHM,5%,1/10W,DA,TP,2012	
RG26	2007-000766	R-CHIP	330OHM,5%,1/10W,DA,TP,2012	
RG31	2007-000415	R-CHIP	15OHM,5%,1/10W,DA,TP,2012	
RR01	2007-001166	R-CHIP	75OHM,5%,1/10W,DA,TP,2012	
RR02	2007-000593	R-CHIP	22OHM,5%,1/10W,DA,TP,2012	
RR04	2007-001071	R-CHIP	6.8KOHM,5%,1/10W,DA,TP,2012	
RR05	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
RR06	2007-000593	R-CHIP	22OHM,5%,1/10W,DA,TP,2012	
RR09	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
RR31	2007-000415	R-CHIP	15OHM,5%,1/10W,DA,TP,2012	
BD101	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD102	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD103	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD105	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD106	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD152	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD155	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD181	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD182	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
C101	2401-003224	C-AL	470uF,20%,16V,WT,TP,8X11.5,5mm	
C104	2401-003224	C-AL	470uF,20%,16V,WT,TP,8X11.5,5mm	
C108	2401-003224	C-AL	470uF,20%,16V,WT,TP,8X11.5,5mm	
C110	2401-003080	C-AL	3.3UF,20%,50V,BP,TP,5X11,2.5	
C111	2202-000319	C-CERAMIC,MLC-RADIAL	100nF,10%,100V,X7R,TP,5.1x3.2x	
C112	2401-000393	C-AL	10uF,20%,100V,WT,TP,8x11.5,5	
C113	2401-000401	C-AL	10uF,20%,160V,WT,TP,10x20mm,5m	
C114	2401-000401	C-AL	10uF,20%,160V,WT,TP,10x20mm,5m	
C115	2202-002148	C-CERAMIC,MLC-RADIAL	0.68NF,2%,50V,NP0,TP,5.1X3.2X6.4MM,5	
C116	2401-001281	C-AL	4.7uF,20%,50V,WT,TP,5x11,5	
C117	2401-000814	C-AL	220uF,20%,16V,WT,TP,10x12.5,5	
C124	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C125	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C126	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C153	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C155	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	

Loc. No.	Code No.	Description	Specification	Remarks
C156	2401-000010	C-AL	220uF,20%,16V,GP,-,6.3x11mm,2.	
C157	2401-000603	C-AL	1uF,20%,50V,GP,TP,5x11,5	
C167	2401-002075	C-AL	4.7uF,20%,50V,GP,TP,5x11,5	
C180	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C181	2201-000288	C-CERAMIC,DISC	1nF,10%,2kV,Y5P,TP,9x5,10	
C183	2201-000530	C-CERAMIC,DISC	4.7nF,10%,500V,Y5P,TP,12.5x4,5	
CB14	2401-003704	C-AL	1UF,°æ20%,100V,WT,TP,5X11MM,5	
CB16	2301-000010	C-FILM,PEF	100nF,5%,100V,TP,11.5x12.5mm,5	
CB20	2401-000436	C-AL	10uF,20%,25V,BP,TP,5x11mm,5mm	
CG02	2401-001515	C-AL	47uF,20%,16V,WT,TP,6.3x11,5	
CG14	2401-003704	C-AL	1UF,°æ20%,100V,WT,TP,5X11MM,5	
CG16	2301-000010	C-FILM,PEF	100nF,5%,100V,TP,11.5x12.5mm,5	
CG20	2401-000436	C-AL	10uF,20%,25V,BP,TP,5x11mm,5mm	
CIS	0203-001199	TAPE-KRAFT	#53110,T0.1,W6,L2000M,BRN	SNA
CIS	0203-001200	TAPE-PAPER	#53128,T0.15,W5.5,L2000M,BEIGE	SNA
CIS	0203-001201	TAPE-PAPER	#FB-300,T0.16,W6,L2000M,R/BLU	SNA
CN12	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN13	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CN14	BH71-40300A	PIN-HINGE	-,BRASS,D2.36,SN,HEAT/SINK	SNA
CR02	2401-001515	C-AL	47uF,20%,16V,WT,TP,6.3x11,5	
CR14	2401-003704	C-AL	1UF,°æ20%,100V,WT,TP,5X11MM,5	
CR16	2301-000010	C-FILM,PEF	100nF,5%,100V,TP,11.5x12.5mm,5	
CR20	2401-000436	C-AL	10uF,20%,25V,BP,TP,5x11mm,5mm	
D105	0403-000509	DIODE-ZENER	MTZJ5.6B,5.6V,5.45-5.73V,500mW	
DB03	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
DB04	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
DG03	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
DG04	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
DR03	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
DR04	0401-000004	DIODE-SWITCHING	1SS244,250V,625mA,DO-34,TP	
EY1	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY2	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY3	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY5	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY7	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
EY8	6042-000002	EYELET	ID1.5,OD2,L3.1,SN,BSS3-E/EH	SNA
IC104	BH13-00022A	IC-BIAS CLAMP	LM2480NA,PN15H/17L,8P,0to+70C,DIP,3mA,85V,ST	
JP102	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP105	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP124	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP133	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP134	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP135	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP136	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP137	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP138	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP139	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP140	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP141	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP142	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP143	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP144	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP145	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	

Loc. No.	Code No.	Description	Specification	Remarks
JP146	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP147	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP148	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP149	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP173	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP182	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP188	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP200	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP218	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP220	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP222	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP223	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP224	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP225	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP226	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP228	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP230	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP235	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP238	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP242	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP247	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP252	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP254	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP263	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP265	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP277	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP283	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP291	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP298	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP305	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP306	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP309	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP310	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP312	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP313	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP314	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP317	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP318	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP321	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP326	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP329	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP330	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP331	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP332	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP333	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP336	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP339	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP341	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP343	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP345	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP347	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP348	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
L101	2701-000125	INDUCTOR-AXIAL	150uH,10%,3x7mm	

Loc. No.	Code No.	Description	Specification	Remarks
L102	2701-000125	INDUCTOR-AXIAL	150uH,10%,3x7mm	
L107	2701-000187	INDUCTOR-AXIAL	4.7uH,10%,4.2x9.8mm	
LB03	2701-001092	INDUCTOR-AXIAL	70NH,10%,2.3X6MM	
LG03	2701-001092	INDUCTOR-AXIAL	70NH,10%,2.3X6MM	
LR03	2701-001092	INDUCTOR-AXIAL	70NH,10%,2.3X6MM	
MP1.0	BH41-00167A	PCB VIDEO	AQ19FS, FR1,115*165*1.6T,1.0,1.6T,115*165*1.6T,AQUILA,-,-,-	SNA
Q101	0501-000122	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	
Q102	0501-000122	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	
Q103	0501-000122	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	
Q104	0501-000122	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	
Q105	0501-002228	TR-SMALL SIGNAL	KTA1281,PNP,1000mW,TO-92L,TP,120-240	
Q106	0501-000586	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	
Q107	0501-000122	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	
QB51	0501-000581	TR-SMALL SIGNAL	2N3906,PNP,625mW,TO-92,TP,100-300	
QG51	0501-000581	TR-SMALL SIGNAL	2N3906,PNP,625mW,TO-92,TP,100-300	
QR51	0501-000581	TR-SMALL SIGNAL	2N3906,PNP,625mW,TO-92,TP,100-300	
R110	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R156	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R179	2001-000780	R-CARBON	470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R181	2001-001107	R-CARBON(S)	220ohm,5%,1/2W,AA,TP,2.4x6.4mm	
R186	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R187	2002-000312	R-COMPOSITION	22Mohm,5%,1/4W,AA,TP,2.3x6.4mm	
R192	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RB16	2001-000546	R-CARBON	270KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
RB17	2001-000020	R-CARBON(S)	22OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RG16	2001-000546	R-CARBON	270KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
RG17	2001-000020	R-CARBON(S)	22OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RR16	2001-000546	R-CARBON	270KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
RR17	2001-000020	R-CARBON(S)	22OHM,5%,1/2W,AA,TP,2.4X6.4MM	
SK101	4715-000102	SURGE ABSORBER	200V,20%,1000A,-,RADIAL	SNA
SK102	4715-000102	SURGE ABSORBER	200V,20%,1000A,-,RADIAL	SNA
SK103	4715-000102	SURGE ABSORBER	200V,20%,1000A,-,RADIAL	SNA
SK104	4715-000106	SURGE ABSORBER	300V,210-390V,-,-,AXIAL	SNA
SK108	4715-001055	SURGE ABSORBER	1kV,+50-10%,-,-,RADIAL	SNA
ZD101	0403-000509	DIODE-ZENER	MTZJ5.6B,5.6V,5.45-5.73V,500mW	
ZD102	0403-000509	DIODE-ZENER	MTZJ5.6B,5.6V,5.45-5.73V,500mW	
HS2	BH99-00008F	ASSY HEAT/SINK	HS VIDEO,SCREW+NUT,LM2412,-,-,-	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	6006-001008	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
CIS	6021-000118	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
CIS	BH13-00024A	IC HYBRID	LM2412T,AQ19FS,11P,-20TO+100C,TO-220-11L,26MA,90V,ST	
CIS	BH62-00012A	HEAT SINK-VIDEO	A1050S,T2.0,-,PEGSUS	SNA

7-3 BNC PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
CIS	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0202-001046	SOLDER-WIRE FLUX	CF-110VH-2A,-,-,-,-	SNA
CIS	0202-001172	SOLDER-WIRE FLUX	RS-107,RS60,D1.2,SN60/PB40,-	SNA
CIS	0204-001095	THINNER	#4520,-,-,-	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	BH39-00094A	CBF-HARNESS	6P/7P,150MM,RED/GRN/BLU,UL1354,AWG28,SMH200-06/SMH200-07	
CIS	BH71-00020A	SHIELD-BNC(REAR)	PG17HS,SPTE,T0.2,-,-	SNA
CIS	BH75-00337A	UNIT-BRKT/BNC	AQ19FS,-,SPTE T0.5,-,-,-,-	SNA
CN103	3710-001523	CONNECTOR-SOCKET	16P,1R,2.54MM,ANGLE,AUF	SNA
CN104	3711-004068	CONNECTOR-HEADER	BOX,5P,1R,2mm,ANGLE,SN	SNA
CN105	3711-004350	CONNECTOR-HEADER	BOX,7P,1R,2MM,ANGLE,SN	SNA
IC1	1001-001163	IC-ANALOG SWITCH	S1D2507B02,ANALOG SWITCH,SDIP,24P,300MIL,SINGLE,7V,-25to+75C,PLACTIC,0.42W,-,-,-	
UPSTREAM	3722-001519	JACK-USB	4P/2C,-,AU30U,NTR,-	
BD150	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
BD151	3301-000011	CORE-FERRITE BEAD	AA,3.5x1.0x5.7mm,1500,2375G	SNA
C132	2201-000573	C-CERAMIC,DISC	0.047nF,5%,50V,NP0,TP,5x3.5,5	
C133	2201-000573	C-CERAMIC,DISC	0.047nF,5%,50V,NP0,TP,5x3.5,5	
C151	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C152	2201-000573	C-CERAMIC,DISC	0.047nF,5%,50V,NP0,TP,5x3.5,5	
C159	2401-000443	C-AL	10uF,20%,25V,GP,TP,5x5mm,2mm	
C160	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C95	2201-000573	C-CERAMIC,DISC	0.047nF,5%,50V,NP0,TP,5x3.5,5	
C96	2305-000665	C-FILM,MPEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	
C97	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C98	2401-000443	C-AL	10uF,20%,25V,GP,TP,5x5mm,2mm	
CB51	2401-000443	C-AL	10uF,20%,25V,GP,TP,5x5mm,2mm	
CB52	2401-000443	C-AL	10uF,20%,25V,GP,TP,5x5mm,2mm	
CB53	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
CG51	2401-000443	C-AL	10uF,20%,25V,GP,TP,5x5mm,2mm	
CG52	2401-000443	C-AL	10uF,20%,25V,GP,TP,5x5mm,2mm	
CG53	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
CIS	0203-001199	TAPE-KRAFT	#53110,T0.1,W6,L2000M,BRN	SNA
CIS	0203-001200	TAPE-PAPER	#53128,T0.15,W5.5,L2000M,BEIGE	SNA
CR51	2401-000443	C-AL	10uF,20%,25V,GP,TP,5x5mm,2mm	
CR52	2401-000443	C-AL	10uF,20%,25V,GP,TP,5x5mm,2mm	
CR53	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
DB51	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DB52	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DB53	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DB54	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DG51	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DG52	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DG53	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DG54	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DR51	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DR52	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DR53	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DR54	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
EY101	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY102	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY103	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY104	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA
EY105	6042-000001	EYELET	ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	SNA

Loc. No.	Code No.	Description	Specification	Remarks
IC3	0801-000337	IC-CMOS LOGIC	74HCT14,SCHIMITT INVERTER,DIP,	
JP107	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP108	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP109	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP110	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP111	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP112	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP115	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP117	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP118	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP119	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP120	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP121	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP122	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP123	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP125	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP126	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP127	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP128	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP131	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP132	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP160	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP161	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP162	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP163	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP164	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP165	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP166	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP168	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP170	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP171	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
MP1.0	BH41-00168A	PCB SUB	AQ19FS, FR1,115*80,1.0,1.6T,115*80*1.6T,AQUILA,-,-,-	SNA
QB52	0501-000621	TR-SMALL SIGNAL	2N5770,NPN,450mW,TO-92,TP,-	
QG52	0501-000621	TR-SMALL SIGNAL	2N5770,NPN,450mW,TO-92,TP,-	
QR52	0501-000621	TR-SMALL SIGNAL	2N5770,NPN,450mW,TO-92,TP,-	
R100	2001-000515	R-CARBON	220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R137	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
R154	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R155	2001-000008	R-CARBON	15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R159	2001-000666	R-CARBON	33OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R160	2001-000666	R-CARBON	33OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R95	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R96	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R97	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R98	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R99	2001-000666	R-CARBON	33OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RB51	2001-000969	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RB52	2001-000302	R-CARBON	10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RB53	2001-000969	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RB54	2001-000666	R-CARBON	33OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RB55	2001-000527	R-CARBON	22OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RG51	2001-000969	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RG52	2001-000302	R-CARBON	10OHM,5%,1/8W,AA,TP,1.8X3.2MM	

Loc. No.	Code No.	Description	Specification	Remarks
RG53	2001-000969	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RG54	2001-000302	R-CARBON	10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RG55	2001-000527	R-CARBON	22OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RR51	2001-000969	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RR52	2001-000302	R-CARBON	10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RR53	2001-000969	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RR54	2001-000302	R-CARBON	10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RR55	2001-000527	R-CARBON	22OHM,5%,1/8W,AA,TP,1.8X3.2MM	
ZD151	0403-000361	DIODE-ZENER	UZ6.2BSB,6.2V,5.99-6.24V,500mW	
ZD152	0403-000361	DIODE-ZENER	UZ6.2BSB,6.2V,5.99-6.24V,500mW	
ZD153	0403-000361	DIODE-ZENER	UZ6.2BSB,6.2V,5.99-6.24V,500mW	
ZD154	0403-000361	DIODE-ZENER	UZ6.2BSB,6.2V,5.99-6.24V,500mW	
ZD155	0403-000361	DIODE-ZENER	UZ6.2BSB,6.2V,5.99-6.24V,500mW	
ZD156	0403-000361	DIODE-ZENER	UZ6.2BSB,6.2V,5.99-6.24V,500mW	
ZD157	0403-000361	DIODE-ZENER	UZ6.2BSB,6.2V,5.99-6.24V,500mW	
ZD158	0403-000361	DIODE-ZENER	UZ6.2BSB,6.2V,5.99-6.24V,500mW	
ZD159	0403-000361	DIODE-ZENER	UZ6.2BSB,6.2V,5.99-6.24V,500mW	
ZD160	0403-000361	DIODE-ZENER	UZ6.2BSB,6.2V,5.99-6.24V,500mW	
ZD161	0403-000361	DIODE-ZENER	UZ6.2BSB,6.2V,5.99-6.24V,500mW	

7-4 Purity Assy PCB Parts (AQ19NS)

Loc. No.	Code No.	Description	Specification	Remarks
CIS	0202-001044	SOLDER-WIRE.	"S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0202-001046	SOLDER-WIRE FLUX	CF-110VH-2A,-,-,-,-	SNA
CIS	0202-001172	SOLDER-WIRE FLUX	RS-107,RS60,D1.2,SN60/PB40,-	SNA
CIS	0204-001095	THINNER	#4520,-,-,-	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CN801	3711-003895	CONNECTOR-HEADER	BOX,13P,1R,2mm,STRAIGHT,SN	SNA
CN802	3711-004386	CONNECTOR-HEADER	BOX,3P,1R,2mm,ANGLE,SN	SNA
CN803	3711-000019	CONNECTOR-HEADER	BOX,8P,1R,2.5mm,STRAIGHT,SN	SNA
CN807	3711-000024	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	SNA
CN882	3711-004484	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SNA
IC801	BH09-00035A	IC-MICOM	DM024 NFSUB_01,PG17/19NS,42P,4.5 to 5.5V,12.0MHz,-,32K,8BIT,8BIT,SDIP,ST,600,8BI	
IC801_SOCK	3704-001071	SOCKET-IC	42P,DIP,SN,1.778mm	
IC803	1201-001199	IC-POWER AMP	6510,SIP,10P,150MIL,DUAL,-,PLA	
IC804	1201-001199	IC-POWER AMP	6510,SIP,10P,150MIL,DUAL,-,PLA	
P/U-PCB+B/CG	6003-000010	SCREW-TAPTITE	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
PU/PCB	6502-000001	CABLE CLAMP	DAWH-5NB,D15,L35,NTR,NYLON66	SNA
TH801	1404-001039	THERMISTOR-NTC	10Kohm,1%,3435K,2.1mW/C,BK	
C801	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C802	2401-001509	C-AL	47uF,20%,16V,GP,TP,5x7mm,5	
C803	2401-001509	C-AL	47uF,20%,16V,GP,TP,5x7mm,5	
C804	2401-001016	C-AL	3.3UF,20%,50V,BP,TP,5X11,5	
C809	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C811	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C812	2201-000389	C-CERAMIC,DISC	0.022nF,5%,50V,NP0,TP,5x3,5	
C813	2201-000389	C-CERAMIC,DISC	0.022nF,5%,50V,NP0,TP,5x3,5	
C814	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C815	2401-000042	C-AL	100uF,20%,16V,GP,TP,6.3x7,5	
C816	2202-002008	C-CERAMIC,MLC-AXIAL	10nF,+80-20%,50V,Y5V,TP,2.3X3.	
C818	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C819	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C820	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C821	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C822	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C823	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C824	2401-000698	C-AL	2200uF,20%,16V,WT,TP,12.5x25,5	
C825	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C826	2202-002008	C-CERAMIC,MLC-AXIAL	10nF,+80-20%,50V,Y5V,TP,2.3X3.	
C830	2401-001509	C-AL	47uF,20%,16V,GP,TP,5x7mm,5	
C831	2401-001509	C-AL	47uF,20%,16V,GP,TP,5x7mm,5	
C832	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C833	2401-003080	C-AL	3.3UF,20%,50V,BP,TP,5X11,2.5	
C834	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C835	2401-003080	C-AL	3.3UF,20%,50V,BP,TP,5X11,2.5	
C836	2401-001509	C-AL	47uF,20%,16V,GP,TP,5x7mm,5	
C837	2401-001509	C-AL	47uF,20%,16V,GP,TP,5x7mm,5	
C838	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C839	2401-003080	C-AL	3.3UF,20%,50V,BP,TP,5X11,2.5	
C840	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C841	2401-003080	C-AL	3.3UF,20%,50V,BP,TP,5X11,2.5	
C842	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C843	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C844	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	
C845	2202-002009	C-CERAMIC,MLC-AXIAL	100nF,+80-20%,50V,Y5V,TP,2.3X3	

Loc. No.	Code No.	Description	Specification	Remarks
CIS	0203-001199	TAPE-KRAFT	#53110,T0.1,W6,L2000M,BRN	SNA
CIS	0203-001200	TAPE-PAPER	#53128,T0.15,W5.5,L2000M,BEIGE	SNA
D801	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D803	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
D804	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
IC805	1201-000420	IC-OP AMP	358,DIP,8P,300MIL,DUAL,100V/mV	
JP11	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP12	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP14	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP15	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP16	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP17	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP20	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP21	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP22	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP24	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP25	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP26	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP27	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP28	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP3	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP30	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP31	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP32	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP34	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP35	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP39	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
JP8	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
MP1.0	BH41-00181A	PCB SUB-PURITY	AQ19NS_PURITY,FR1,1,-,1.6T,120*80,AQ19NS,6,PURITY SUB,-	
Q801	0501-000321	TR-SMALL SIGNAL	KSB1116-Y,PNP,750mW,TO-92,TP,135-270	
Q802	0501-000404	TR-SMALL SIGNAL	KSD1616-Y,NPN,750mW,TO-92,TP,135-270	
R801	2004-001329	R-METAL	9.1Kohm,1%,1/4W,AA,TP,2.4x6.4m	
R802	2004-000698	R-METAL	3.3Kohm,1%,1/4W,AA,TP,2.4x6.4m	
R803	2001-000947	R-CARBON	7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R804	2001-000411	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R805	2003-000777	R-METAL OXIDE(S)	68ohm,5%,2W,AA,TP,4x12mm	
R806	2003-000777	R-METAL OXIDE(S)	68ohm,5%,2W,AA,TP,4x12mm	
R807	2001-000211	R-CARBON	1OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R811	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R812	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R813	2001-000744	R-CARBON	4.7OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R814	2001-000522	R-CARBON	22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R815	2003-000587	R-METAL OXIDE(S)	22ohm,5%,1W,AA,TP,3.3x9mm	
R816	2001-000744	R-CARBON	4.7OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R817	2001-000522	R-CARBON	22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R818	2003-000587	R-METAL OXIDE(S)	22ohm,5%,1W,AA,TP,3.3x9mm	
R819	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R820	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R821	2001-000744	R-CARBON	4.7OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R822	2001-000522	R-CARBON	22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R823	2003-000587	R-METAL OXIDE(S)	22ohm,5%,1W,AA,TP,3.3x9mm	
R824	2001-000744	R-CARBON	4.7OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R825	2001-000522	R-CARBON	22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

Loc. No.	Code No.	Description	Specification	Remarks
R826	2003-000587	R-METAL OXIDE(S)	22ohm,5%,1W,AA,TP,3.3x9mm	
R827	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R828	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R829	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R831	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R832	2004-000441	R-METAL	1Mohm,1%,1/8W,AA,TP,1.8x3.2mm	
R833	2004-000193	R-METAL	100Kohm,1%,1/4W,AA,TP,2.4x6.4m	
R834	2004-000216	R-METAL	10Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
R835	2001-000869	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R837	2004-000193	R-METAL	100Kohm,1%,1/4W,AA,TP,2.4x6.4m	
R838	2001-000864	R-CARBON	56KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R841	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R842	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R843	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R844	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R846	2001-000244	R-CARBON	1.5MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R847	2001-000273	R-CARBON	100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R849	2001-000244	R-CARBON	1.5MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R850	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R851	2001-000047	R-CARBON	2.2KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
X801	2801-000006	CRYSTAL-UNIT	12MHz,50ppm,28-AAM,S,35ohm,BK	
ZD801	0403-000509	DIODE-ZENER	MTZJ5.6B,5.6V,5.45-5.73V,500mW	

7-5 Sensor PCB Parts (AQ19NS)

Loc. No.	Code No.	Description	Specification	Remarks
C881	2401-001548	C-AL	"47uF,20%,25V,WT,TP,5x11,5"	
C882	2202-000654	C-CERAMIC,MLC-RADIAL	100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5	
C883	2401-000025	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	
C884	2401-000025	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	
CIS	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0202-001046	SOLDER-WIRE FLUX	CF-110VH-2A,-,-,-,-	SNA
CIS	0202-001172	SOLDER-WIRE FLUX	RS-107,RS60,D1.2,SN60/PB40,-	SNA
CIS	0204-001095	THINNER	#4520,-,-,-	SNA
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	6045-001010	SPACER-ROUND	ID4.0,OD5.8,T2.0,NTR,NYLON6/6,L30.8	SNA
CIS	0203-001199	TAPE-KRAFT	#53110,T0.1,W6,L2000M,BRN	SNA
CIS	0203-001200	TAPE-PAPER	#53128,T0.15,W5.5,L2000M,BEIGE	SNA
CN881	3711-000992	CONNECTOR-HEADER	BOX,5P,1R,2.50mm,ANGLE,SN	SNA
IC881	BH32-00002A	SENSOR MAG	-,AQUILA,-,-10TO+70C,-,15V,-,12V,-	
JP11	BH39-40305U	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	
MP1.0	BH41-00182A	PCB SUB-SENSOR	AQ19NS,SILVER,-,-,1.6T,247*247,-,9,-,-	
R881	2001-000019	R-CARBON(S)	10OHM,5%,1/2W,AA,TP,2.4X6.4MM	
R882	2004-000970	R-METAL	470ohm,1%,1/4W,AA,TP,2.4x6.4mm	
R883	2004-000970	R-METAL	470ohm,1%,1/4W,AA,TP,2.4x6.4mm	

7-6 USB Assy PCB Parts (AQ17IS)

NO		DESCRIPTION	CODE NO	SPECIFICATIONS	Q`TY	LOCATION	VENDOR
1		USB PCB ASS`Y	BH59-00238A		1		SEONG JI
	1	P.C.B	BH41-00187A	FR1,1.6T,247*247 mm	1		DAE DUCK
	2	ZENER-DIODE	0403-000361	UZ, 6.2 BSB, 6.2V	3	ZD157ZD158,ZD159	PYUNG CHANG SUNGHO,RHOM
	3	C-CERAMIC	2202-000654	100nF,10%,50V,X7R	1	C167	SEM,SAMHWA
	4	USB JACK	3722-001519	B` TYPE ,4PIN,STRAIGHT	1	UPSTERAM	ACON,LEOCO
	5	CONNECTOR	3711-004068	SMAW200-05(ANGLE)	1	CN102	YEONHO
2		BRAKET	BH71-00149A	SECC-C,T1.0	2		EUNHA
3		SCREW TAPTITE	6003-000010	BWH M3 L10	2		EUN SUNG

7-7 AQ17** Main Different Part List

AQ17IS			AQ17HS		AQ17NS	
LOC	code	spec	code	spec	code	spec
C305	2301-000148	10nF,5%,100V	2301-000014	C-FILM,PEF,6.8nF,5%,100V,TP	2301-000013	4.7nF,5%,100V
C411	2301-001259	C-FILM,MPPF,100nF,5%,400V	2306-000127	C-FILM,MPPF,120nF,5%,400V,TP	2301-001259	C-FILM,MPPF,100nF,5%,400V
C413	2301-001259	C-FILM,MPPF,100nF,5%,400V	2306-000127	C-FILM,MPPF,120nF,5%,400V,TP	2301-001259	C-FILM,MPPF,100nF,5%,400V
C414	2306-000137	C-FILM,MPPF,180nF,5%,250V,TP	2306-000179	C-FILM,MPPF,300nF,5%,250V,TP	2306-000137	C-FILM,MPPF,180nF,5%,250V,TP
C415	2301-001194	C-FILM,MPPF,470nF,5%,250V,TP	2306-000234	C-FILM,MPPF,560nF,5%,250V,BK	2301-001194	C-FILM,MPPF,470nF,5%,250V,TP
C451	2401-002299	4.7uF,20%,50V	2401-002299	4.7uF,20%,50V	2401-001625	6.8uF,20%,50V
C457	2201-000602	0.56nF,5%,50V	2201-000602	0.56nF,5%,50V	2202-000470	330pF,5%,100V,NPO
C701	2301-001314	470NF,10%,275V	2301-001314	470NF,10%,275V	2305-001049	1000nF,10%,275V
CN201_ASSY	BH39-00060A	15P/15P,180MM ,SMH200-15	BH39-00060A	15P/15P,180MM ,SMH200-15	BH39-00110A	15P,200MM,SMH200-15
CN409	3711-000197	1WALL,3P,1R,2.5mm,STRAIGHT,SN	3711-000197	1WALL,3P,1R,2.5mm,STRAIGHT,SN	3711-000795	BOX,2P,1R,2.5mm,STRAIGHT,SN
D601	0402-001227	D3SBA60,600V,2.3A,SIP-4,BK	0402-001227	D3SBA60,600V,2.3A,SIP-4,BK	0402-001160	D5SB60,600V,6A,SIP-4,-
EY599	BH39-00232A	,1P,290MM,RED,AWG22,YHF800-1	BH39-00232A	1P,290MM,RED,AWG22,YHF800-1	BH39-00195A	1P,360MM,RED,AWG22,YFH800-01
HS301	BH99-00043A	HS V.IC,SCREW+NUT,KA2142	BH99-00043A	HS V.IC,SCREW+NUT,KA2142	BH99-00002G	H/S V.IC,SCREW+NUT,KA2142
L402	BH27-20345J	3.5mH, OB6*30-1HHA,BULK	BH27-20345J	3.5mH, OB6*30-1HHA,BULK	BH27-00079A	CH-0630E,2.7mH,10%,06*30(L-81)
OP1(OP201-NF)	0601-001147	ROUND,GRN,4.75mm,565nm	0601-001147	ROUND,GRN,4.75mm,565nm	0601-001147	ROUND,GRN,4.75mm,565nm
POS601	1404-000002	9ohm,20%,-,-,TR,RECT,-	1404-000002	9ohm,20%,-,-,TR,RECT,-	1404-000135	10ohm,20%,-,290V,30A,-,-
R238	2001-000734	4.7KOHM,5%,1/8W	2001-000734	4.7KOHM,5%,1/8W	2001-000051	2.7Kohm,5%,1/8W
R302	2004-000001	6.2Kohm,1%,1/4W	2004-001136	R-METAL,6.8Kohm,1%,1/4W	2004-001211	7.5Kohm,1%,1/4W
R311	2001-000449	2.2KOHM,5%,1/8W	2001-000429	R-CARBON,1KOHM,5%,1/8W	2001-000429	1KOHM,5%,1/8W
R314	2004-000679	2Kohm,1%,1/4W	2004-000458	R-METAL,2.2Kohm,1%,1/4W	2004-000481	2.4Kohm,1%,1/4W
R315	2004-000334	150ohm,1%,1/4W	2004-000268	R-METAL,120ohm,1%,1/4W	2004-000268	120ohm,1%,1/4W
R596	BH39-40305U	52MM,AWG22(0.6PI)	BH39-40305U	52MM,AWG22(0.6PI)	2001-000107	150kOHM,5%,1/2W(s)
R598	2001-000114	180KOHM,5%,1/2W	2001-000114	180KOHM,5%,1/2W	2001-000042	1KOHM,5%,1/4W
R599	2001-001106	220KOHM,5%,1/2W	2001-001106	220KOHM,5%,1/2W	2001-000642	R-CARBON;330KOHM,5%,1/2W
JP690	BH39-40305U	52MM,AWG22(0.6PI)	BH39-40305U	52MM,AWG22(0.6PI)	-	-
JP691	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP221	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP332	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP538	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP539	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP540	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP541	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP551	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP552	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP557	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP558	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP559	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP560	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP561	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP562	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP575	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP584	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP669	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP670	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP671	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP672	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP673	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP674	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
CIS-	-	-	-	-	BH39-00335A	PG17NF,UL1007#26,UL/CSA,6P/4P*2P,360MM
CIS-	-	-	-	-	BH39-00338A	PG19NF,UL1015#18,UL/CSA,10P/4P,400MM

7-8 AQ19** Main Different Part List

AQ19MS			AQ19IS		AQ19NS	
LOC	code	spec	code	spec	code	spec
C305	2301-000013	4.7nF,5%,100V,TP,10.5x12.5x6.5	2301-000312	C-FILM,PEF,8.2nF,5%,100V,TP	2301-000013	4.7nF,5%,100V
C207	-	-	-	-	2202-002009	100nF,+80-20%,50V,Y5
C272	-	-	-	-	2202-002008	10nF,+80-20%,50V,Y5V,TP,2.3X3.
C273	-	-	-	-	2401-000025	100uF,20%,16V
C408	2303-001022	2NF 2.5K	2303-001022	2NF 2.5K	2303-001023	2.2NF 2.5KV
C409	2303-001022	2NF 2.5K	2303-001022	2NF 2.5K	2303-000007	2.7NF 2.5KV
C411	2306-000127	120nF,5%,400V,TP,21.5x17mm,5mm	2301-001259	C-FILM,MPPF;100nF,5%,400V	2306-000127	120nF,5%,400V,TP,21.5x17mm,5mm
C413	2306-000127	120nF,5%,400V,TP,21.5x17mm,5mm	2301-001259	C-FILM,MPPF;100nF,5%,400V	2301-001259	C-FILM,MPPF;100nF,5%,400V
C415	2301-001194	470nF,5%,250V,BK,26x18.5x10,20	2301-001194	470nF,5%,250V,BK,26x18.5x10,20	2306-000249	680nF,5%,250V
C416	2306-000147	1uF,5%,250V,BK,26x24x15,22.5mm	2306-000147	1uF,5%,250V,BK,26x24x15,22.5mm	2306-000293	1.2uF,5%,250V,BK,26.5x19mm,27.
C417	2306-000125	C-FILM,MPPF;120nF,5%,250V	2306-000125	C-FILM,MPPF;120nF,5%,250V	2306-000137	180nF,5%,250V,TP,19x16.5x8,7.5
C451	2401-002299	4.7uF,20%,50V	2401-002299	4.7uF,20%,50V	2401-001625	6.8uF,20%,50V
C457	2201-000602	C-CERAMIC,DISC;0.56nF 50V			2202-000470	C-CERAMIC,MLC-RADIAL;330pF,100V
C701	2301-001314	470NF,10%,275V	2301-001314	470NF,10%,275V	2305-001049	1000nF,10%,275V
CIS-	-	-	-	-	BH39-00335A	PG17NF,UL1007#26,6P/4P*2P,360MM
CIS-	-	-	-	-	BH39-00340A	PG19NF,UL1015#18,10P/4P,400MM
CN201_ASSY	BH39-00060A	15P/15P,180MM ,SMH200-15	BH39-00060A	15P/15P,180MM ,SMH200-15	BH39-00292A	15P/15P,230MM
CN206	-	-	-	-	3711-003895	BOX,13P,1R,2mm,STRAIGHT,SN
CN207	-	-	-	-	3711-004349	BOX,3P,1R,2mm,STRAIGHT,SN
CN409	3711-000885	3WALL,3P,1R,2.5mm,STRAIGHT,SN	3711-000885	3WALL,3P,1R,2.5mm,STRAIGHT,SN	3711-000795	BOX,2P,1R,2.5mm,STRAIGHT,SN
D402	0402-001441	SB340	0402-001441	SB340	0402-000016	SB540,40V,5A,DO-201AD,BK
D456	0402-000454	RG10	0402-000454	RG10	0402-001294	UF5404L-5709,400V,3A,DO-
D601	0402-001227	D3SBA60,600V,2.3A,SIP-4,BK	0402-001227	D3SBA60,600V,2.3A,SIP-4,BK	0402-001160	D5SB60,600V,6A,SIP-4,-
EY599	BH39-00232A	,1P,290MM,RED,AWG22,YHF800-1	BH39-00232A	,1P,290MM,RED,AWG22,YHF800-1	BH39-00195A	1P,360MM,RED,AWG22,YFH800-01
HS409	BH99-00030B	HS TR,SCREW+NUT,SKS10N20(4),	BH99-00030B	HS TR,SCREW+NUT,SKS10N20(4),	BH99-00030D	HS TR,SKS10N20(2),19N20(2)
HS504	BH99-00013D	HS,SPRING,2SK2761	BH99-00013D	HS,SPRING,2SK2761,	BH99-00013A	HS,SPRING,2SK2761
JP221	-	-	-	-	BH39-40305U	JUMPER
JP332	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP538	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP538	-	-	-	-	BH39-40305U	JUMPER
JP539	-	-	-	-	BH39-40305U	JUMPER
JP540	-	-	-	-	BH39-40305U	JUMPER
JP541	-	-	-	-	BH39-40305U	JUMPER
JP551	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP552	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP553	-	-	-	-	BH39-40305U	JUMPER
JP554	-	-	-	-	BH39-40305U	JUMPER
JP557	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP558	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP559	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP560	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP561	-	-	-	-	BH39-40305U	JUMPER
JP562	-	-	-	-	BH39-40305U	JUMPER
JP575	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP580	-	-	-	-	BH39-40305U	JUMPER
JP584	-	-	-	-	BH39-40305U	JUMPER
JP594	-	-	-	-	BH39-40305U	JUMPER
JP661	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI),-,-,AWG22(0.
JP669	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP670	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)

AQ19MS			AQ19IS		AQ19NS	
LOC	code	spec	code	spec	code	spec
JP671	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP672	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP673	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP674	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP690	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
JP691	-	-	-	-	BH39-40305U	52MM,AWG22(0.6PI)
L402	BH27-20345J	3.5mH, OB6*30-1HHA,BULK	BH27-20345J	3.5mH, OB6*30-1HHA,BULK	BH27-00079A	CH-0630E,2.7mH,10%,06*30(L-81)
L403	BH26-00001A	5.0UH/47.5MH,YL-81,DR1420,C:6.0	BH26-00001A	5.0UH/47.5MH,YL-81,DR1420,C:6.0	BH26-30338W	47.5MH/3.9UH,5P,DR1420
OP1(OP201-NF)	0601-001147	ROUND,GRN,4.75mm,565nm	0601-001147	ROUND,GRN,4.75mm,565nm	0601-001147	ROUND,GRN,4.75mm,565nm
POS601	1404-000135	10ohm,20%,-,290V,30A	1404-000135	10ohm,20%,-,290V,30A	1404-001154	4.50HM,+30%/-20%,220V,270VAC,2
Q252	-	-	-	-	0501-000586	KSC945,NPN,250mW,TO-92
Q253	-	-	-	-	0501-002228	KTA1281,PNP,1000mW
Q254	-	-	-	-	0501-000586	KSC,945-Y
R214	-	-	-	-	2001-000290	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM
R218	2001-000613	3.9KOHM,5%,1/8W	2001-000613	3.9KOHM,5%,1/8W	2001-000449	2.2KOHM,5%,1/8W
R238	2001-000734	4.7KOHM,5%,1/8W	2001-000734	4.7KOHM,5%,1/8W	2001-000051	2.7Kohm,5%,1/8W
R273	-	-	-	-	2001-000290	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM
R274	-	-	-	-	2001-000857	560OHM,5%,1/8W,AA,TP,1.8X3.2MM
R275	-	-	-	-	2001-000290	10KOHM,5%,1/8W
R276	-	-	-	-	2001-000786	47KOHM,5%,1/8W
R277	-	-	-	-	2001-000449	2.2KOHM,5%,1/8W
R302	2004-001136	6.8Kohm,1%,1/4W,AA,TP,2.4x6.4m	2004-001136	R-METAL,6.8Kohm,1%,1/4W	2004-001211	7.5Kohm,1%,1/4W
R314	2004-000458	2.2Kohm,1%,1/4W,AA,TP,2.4x6.4m	2004-000458	2.2Kohm,1%,1/4W,AA,TP,2.4x6.4m	2004-000481	2.4Kohm,1%,1/4W
R315	2004-000334	R-METAL,150ohm,1%,1/4W	2004-000268	120ohm,1%,1/4W	2004-000268	120ohm,1%,1/4W
R400	2003-000724	R-METAL OXIDE(S);5.6ohm,5%,3W	2003-000724	R-METAL OXIDE(S);5.6ohm,5%,3W	2003-000007	82ohm,5%,3W,AA,TP,6x16mm
R401	-	-	-	-	2003-000007	82ohm,5%,3W,AA,TP,6x16mm
R405	2001-001163	560OHM,5%,1/2W,AA,TP	2001-001163	560OHM,5%,1/2W,AA,TP	2001-000037	330OHM,5%,1/2W,AA,TP
R409	2003-000423	R-METAL OXIDE(S);1.2ohm,5%,3W	2003-000423	R-METAL OXIDE(S);1.2ohm,5%,3W	2003-000547	R-METAL OXIDE(S);1ohm,5%,3W
R457	-	-	2001-000290	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	2001-000290	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM
R459	2004-000616	R-METAL;24Kohm,1%,1/4W	2004-000657	R-METAL;27Kohm,1%,1/4W	2004-000657	R-METAL;27Kohm,1%,1/4W
R520	2001-000084	R-CARBON;100KOHM,1/4W	2001-000962	R-CARBON;75KOHM,1/4W	2001-000962	R-CARBON;75KOHM,1/4W
R522	2004-000515	R-METAL;200Kohm,1%,1/4W	2004-000515	R-METAL;200Kohm,1%,1/4W	2004-000327	R-METAL;150Kohm,1%,1/4W
R596	BH39-40305U	52MM,AWG22(0.6PI)	BH39-40305U	52MM,AWG22(0.6PI)	2001-001131	R-CARBON(S);33KOHM,5%,1/2W
R597	2002-001075	R-COMPOSITION;30MOHM 1/2W	2002-001073	R-COMPOSITION;15MOHM 1/2W	2002-001073	R-COMPOSITION;15MOHM 1/2W
R598	2001-000114	180KOHM,5%,1/2W	2001-000114	180KOHM,5%,1/2W	2001-000042	1KOHM,5%,1/4W
R599	2001-001110	240KOHM,5%,1/2W,AA,TP	2001-001106	220KOHM,5%,1/2W	2001-000642	R-CARBON;330KOHM,5%,1/2W
T401	BH26-00094A	EI-2218,PN19,8P,2.5mH,-,-,78uH,	BH26-00094A	EI-2218,PN19,8P,2.5mH,-,-,78uH,	BH26-00041A	2.7MH,8P,EI-2519,PL3,
T601	BH26-00128A	ER-3942(18P),130UH,18P	BH26-00128A	ER-3942(18P),130UH,18P,AC90 ~240V	BH26-00132A	ER-0402(18P),AQ19NS
ZD287	-	-	-	-	0403-000509	MTZJ5.6B,5.6V

7-9 AQ17** Video Different Part List

	AQ17IS		AQ17HS	
LOC	code	spec	code	spec
C132	-	-	2401-000603	1uF,20%,50V,GP,TP,5x11,5
C133	-	-	2401-000603	1uF,20%,50V,GP,TP,5x11,6
C138	-	-	2401-000031	47uF,20%,16V,GP,TP,5x11,5
CN103	-	-	3711-000058	BOX,4P,1R,2.5mm,ANGLE,SN
IC106	-	-	BH13-00009A	PG17/19,AN5452,SIP,12P,H/V CONVERGENCE
JP69	-	-	BH39-40305U	52MM,AWG22(0.6PI),-,-,AWG22(0.
R137	-	-	2007-000300	10KOHM,5%,1/10W,DA,TP,2012
R138	-	-	2007-000300	10KOHM,5%,1/10W,DA,TP,2012
R145	-	-	2001-000019	10OHM,5%,1/2W,AA,TP,2.4X6.4MM
R146	-	-	2001-000019	10OHM,5%,1/2W,AA,TP,2.4X6.4MM
R147	-	-	2003-000744	56ohm,5%,2W,AA,TP,4x12mm
R148	-	-	2003-000744	56ohm,5%,2W,AA,TP,4x12mm
SK105	3704-001142	10P,22.5PI,25.6PI,NI,-	-	-
SK106-	-	3704-001158	10P,22.5PI,26.5PI,NI,-	
CIS(AQ17IS)	BH39-00084A	CBF HARNESS 100MM	-	-

7-10 AQ19** Video Different Part List

	AQ19MS/IS		AQ19NS	
LOC	code	spec	code	spec
C168	-	-	2401-000603	1uF,20%,50V,GP,TP,5x11,5
C169	-	-	2401-000603	1uF,20%,50V,GP,TP,5x11,6
C185	-	-	2401-000031	47uF,20%,16V,GP,TP,5x11,5
CN181	-	-	3711-000058	BOX,4P,1R,2.5mm,ANGLE,SN
IC181	-	-	BH13-00009A	PG17/19,AN5452,SIP,12P,H/V CONVERGENCE
JP208	-	-	BH39-40305U	52MM,AWG22(0.6PI),-,-,AWG22(0.
R168	-	-	2001-000290	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM
R169	-	-	2001-000290	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM
R182	-	-	2001-000019	10OHM,5%,1/2W,AA,TP,2.4X6.4MM
R183	-	-	2003-000744	56ohm,5%,2W,AA,TP,4x12mm
R184	-	-	2003-000744	56ohm,5%,2W,AA,TP,4x12mm
R185	-	-	2001-000019	10OHM,5%,1/2W,AA,TP,2.4X6.4MM
SK105	3704-001142	10P,22.5PI,25.6PI,NI,-	-	-
SK106-	-	3704-001158	10P,22.5PI,26.5PI,NI,-	
CIS(AQ19MS)	BH39-00084A	CBF HARNESS 100MM	-	-

7-11-1 BNC Different Part List

LOC / ASSY	Apply to BNC BOARC		Not Apply to BNC BOARC, Apply to USB ASY	PCB
BNC ASSY/USB ASSY	BH98-00257B ASSY PCB/MISC-SN(BNC) AQ17IS/HS	BH98-00252C ASSY PCB/MISC-BNC AQ19MS/IS	BH75-00365A UNIT-BRKT USB AQ17HS/IS,AQ19MS/IS	BNC/USB
	BH98-00270A ASSY PCB/MISC-SN(BNC) AQ17NS	BH98-00284A ASSY PCB/MISC-BNC AQ19NS	AQ17NS/AQ19NS	
R137	BH39-40305U 52MM,AWG22(0.6PI) AQ17IS/HS/NS	2001-000429 1KOHM,5%,1/8W AQ19MS/IS/NS	-	
CN203	-		3711-003843 CONNECTOR-HEADER BOX,8P,1R,2mm,STRAIGHT,SN	
CN101_ASSY	BH39-00094A CBF-HARNESS 6P/7P,150MM,R/G/B		-	MAIN PCB
CN202	3711-004351 CONNECTOR-HEADER NOWALL,16P,2.54MM,ST		-	
ZD280~ZD285	-		0403-000361 DIODE-ZENER UZ6.2BSB,6.2V,5.	
SIGNAL	BH39-00001A SIGNAL;1830MM,15P/15P,IVORY		BH39-00254A CBF SIGNAL PN19MT,15P/06P/08P,2990,1830MM	ACCESSORY/MAIN PCB

7-11-2 BNC Different Part List

	Apply to PFC		Not Apply to PFC	
LOC	code	spec	code	spec
R701	2005-001170	R-WIRE WOUND,NON;0.33ohm 1W	BH39-40305U	CBF HARNESS;52MM,AWG22
D703	0402-001111	DIODE-RECTIFIER;1N5397GP,600V	BH39-40305U	CBF HARNESS;52MM,AWG22
C607	2401-003391	C-AL,220uF,20%,450V,GP,BK AQ19NF	2401-003483	270uF,20%,400V,GP,BK,25.4x45
			2401-001137	330uF,20%,400V,GP,BK,30x45mm
			2401-003619	270uF,20%,450V,GP,BK,30x45mm
			2401-003620	330uF,20%,450V,GP,BK,25.4x60
BD652		3301-000011	CORE-FERRITE BEAD	- -
BD653		3301-000011	CORE-FERRITE BEAD	- -
C701	2301-001314	C-FILM,MPPF;470NF,275V,BK	-	-
	2305-001049	1000nF,10%,275V BK	-	-
C702	2305-001041	C-FILM,MPEF;220nF,5%,63V	-	-
C703	2201-000602	C-CERAMIC,DISC;0.56nF,5%,50V	-	-
C705	2301-000188	C-FILM,PEF;1nF,5%,100V	-	-
C706	2202-002009	C-CERAMIC,MLC-AXIAL;100nF	-	-
C708	2401-000970	C-AL;22uF,20%,50V,WT	-	-
C710	2201-000019	C-CERAMIC,DISC;10nF,500V	-	-
D702	0402-000546	DIODE-RECTIFIER;TVR10G,400V	-	-
D704	0401-000005	DIODE-SWITCHING;1N4148,100V	-	-
HSD701	BH99-10019X	ASSYHEAT/SINK;GUR460	-	-
	0402-001191	DIODE-RECT;MUR460,600V,4A	-	-
IC701	1203-002081	IC-PWMCONTROLLER;33260	-	-
L701	BH27-00053A	COILCHOKE;TO-2012,195uH	-	-
R702	2001-001013	R-CARBON;9.1KOHM,5%,1/4W	-	-
R703	2001-000302	R-CARBON;10OHM,5%,1/8W	-	-
R705	2004-001863	R-METAL;680Kohm,1%,1/4W	-	-
R706	2004-001863	R-METAL;680Kohm,1%,1/4W	-	-
R711	2008-000125	R-FUSIBLE;10ohm,5%,1/4W	-	-
R712	2001-000302	R-CARBON;10OHM,5%,1/8W	-	-
R721	2001-000786	R-CARBON;47KOHM,5%,1/8W	-	-
R704	2004-001863	R-METAL;680Kohm,1%,1/4W	-	-
HSQ701	BH99-10047E	ASSYHEAT/SINK;2SK2761	-	-
	0505-001266	FET;2SK2761-01MR,N,600V,10A,	-	-
T701	BH27-00081A	COIL-PFC;EER-2828,135u	-	-
ZD705		0403-000004	DIODE-ZENER;UZ12BM,12V,	- -
ZD706		0403-000538	DIODE-ZENER;MTZ16C,16V	- -
JP295		BH39-40305U	CBF HARNESS;52MM	- -
EY703		BH39-40305U	CBF HARNESS;52MM	- -
EY704		BH39-40305U	CBF HARNESS;52MM	- -
EY705		6042-000002	EYELET;ID1.5,OD2,	- -

7-12 PFC FET Different Part List

	FUJI 2SK2761		Infineon SSP7N60	
LOC	code	spec	code	spec
HSQ701	BH99-10047E	ASSYHEAT/SINK;2SK2761	BH99-10054C	ASSY HEAT/SINK
	0505-001266	FET;2SK2761-01MR,N,600V,10A,	0505-001493	SPP07N60S5,N,600V,7.3A,
D704	0401-000005	DIODE-SWITCHING;1N4148,100V	-	-
R703	2001-000302	R-CARBON;10OHM,5%,1/8W	2001-000281	R-CARBON;100OHM,5%,1/8W

7-13 FBT Different Part List

	SEMCO		HITACHI	
LOC	code	spec	code	spec
R524	2004-001254	R-METAL;8.2Kohm,1%,1/4W	2004-001329	R-METAL;9.1KOHM,1% 1/4W

7-14 Destination OSD IC

	FUJI 2SK2761	
Destination	code	spec
EUROPE	1204-001864	S5D2509X09
KOREA	1204-001868	S5D2509X08
CHINA	1204-001867	S5D2509X07

7-15 AQ19NS Only ASSY

PURITY	BH98-00285A	ASSY PCB/MISC-PURITY
SENSOR	BH98-00286A	ASSY PCB/MISC-SENSOR

7-16 S-Corretion Table

AQ17HS

Khz	S1	S2	S3	S4	S5
~110					
~99.9					
~94.9					
~91.9					
~84.9	H				
~80.9	H				
~77.9		H			
~75.9	H	H			
~69.9	H	H			
~67.9	H	H			
~64.9					H
~60.9	H				H
~58.9	H	H			H
~52.9				H	
~48.9				H	H
~45.9		H		H	H
~39.9	H	H	H		H
~36.9			H	H	H
~34.9			H	H	H
~33	H	H	H	H	H

AQ17IS

Khz	S1	S2	S3	S4	S5
~110					
~99.9					
~94.9					
~91.9					
~84.9	H				
~80.9	H				
~77.9		H			
~75.9		H			
~69.9	H	H			
~67.9	H	H			
~64.9		H			H
~60.9	H	H			H
~58.9	H			H	
~52.9		H		H	
~48.9				H	H
~45.9		H		H	H
~39.9			H	H	
~36.9			H	H	H
~34.9			H	H	H
~33	H	H	H	H	H

AQ17NS

Khz	S1	S2	S3	S4	S5
~110					
~99.9					
~94.9					
~91.9					
~84.9	H				
~80.9		H			
~77.9		H			
~75.9	H	H			
~69.9					H
~67.9					H
~64.9		H			H
~60.9		H			H
~58.9	H			H	
~52.9		H		H	
~48.9				H	H
~45.9	H	H		H	H
~39.9			H	H	
~36.9			H	H	H
~34.9			H	H	H
~33	H	H	H	H	H

AQ19MS

Khz	S1	S2	S3	S4	S5
~110					
~99.9					
~94.9					
~91.9					
~84.9					H
~80.9					H
~77.9				H	
~71.9				H	H
~69.9				H	H
~67.9				H	H
~64.9			H		H
~60.9			H	H	H
~58.9		H			H
~52.9		H		H	
~48.9		H	H		
~45.9		H	H	H	
~39.9	H		H	H	H
~36.9	H	H	H		
~34.9	H	H	H		
~33	H	H	H	H	H

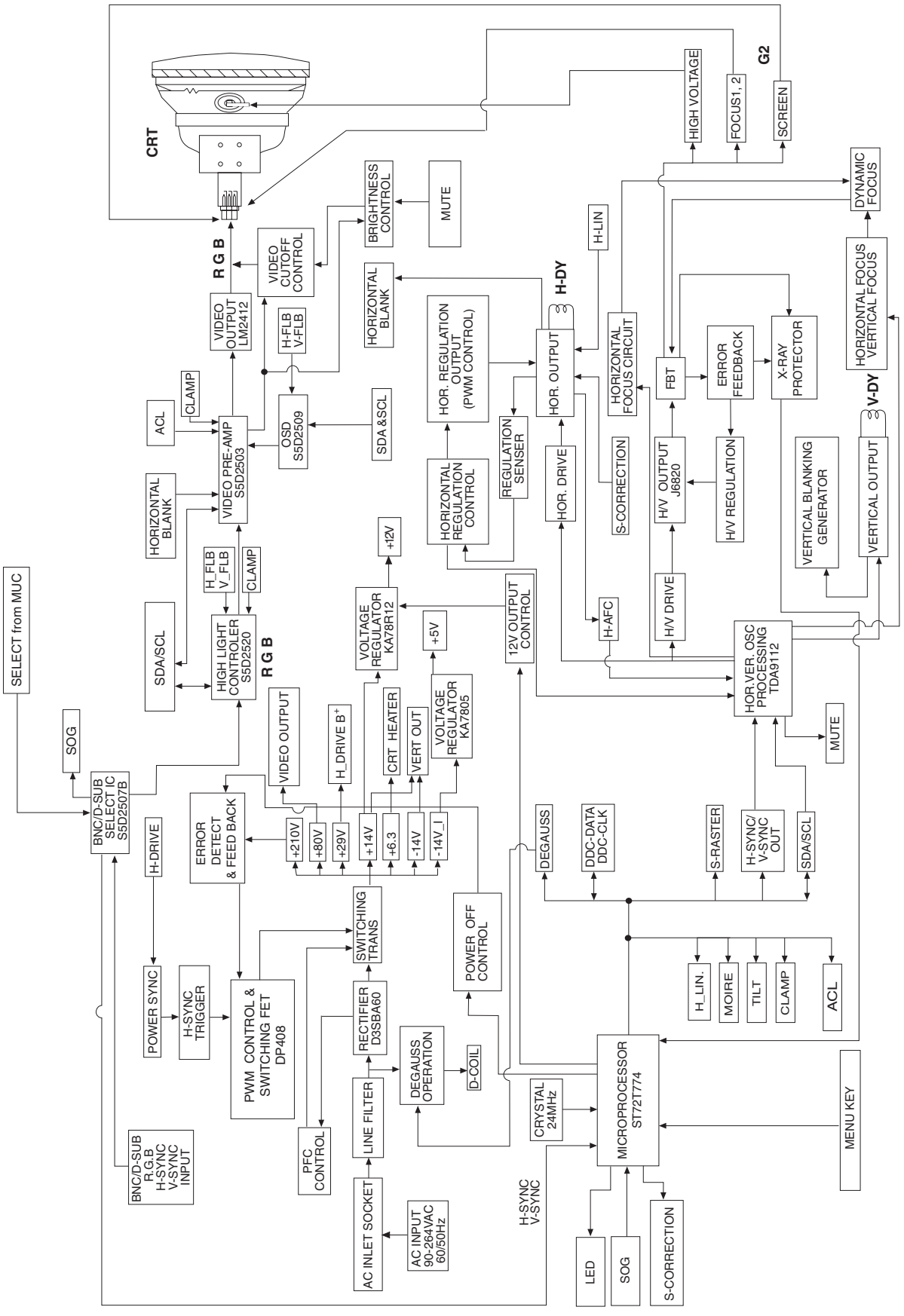
AQ19IS

Khz	S1	S2	S3	S4	S5
~110					
~99.9					
~94.9					
~89.9	H				
~84.9	H				
~80.9	H				
~77.9		H			
~71.9	H	H			
~69.9	H	H			
~67.9	H	H			
~64.9	H				H
~60.9	H	H			H
~58.9	H			H	
~52.9		H		H	
~48.9				H	H
~45.9		H		H	H
~39.9	H	H	H		H
~36.9			H	H	H
~34.9			H	H	H
~33	H	H	H	H	H

AQ19NS

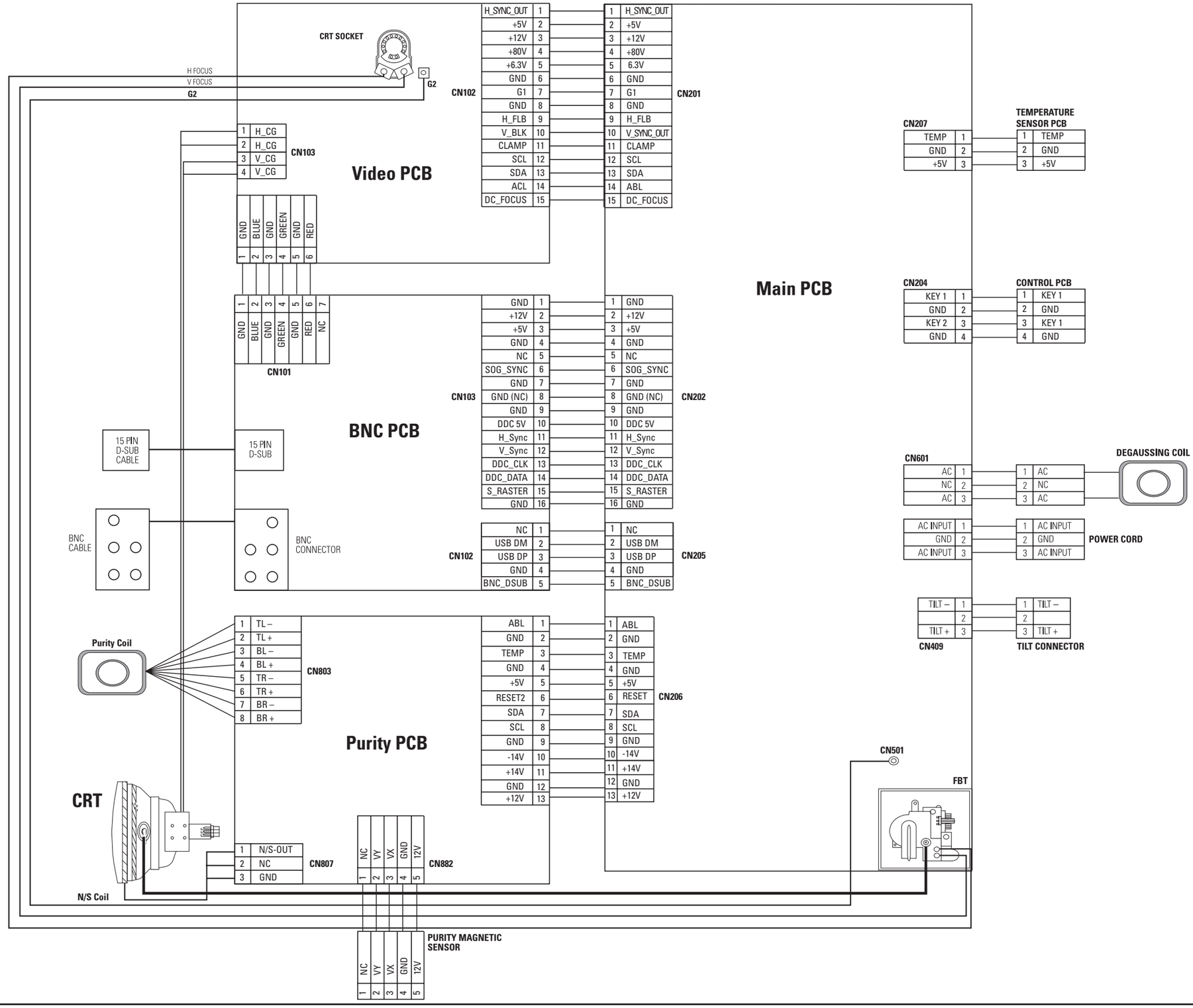
Khz	S1	S2	S3	S4	S5
~110					
~99.9					
~94.9	H				
~91.9	H				
~84.9	H				
~80.9		H			
~77.9		H			
~75.9	H	H			
~69.9					H
~67.9					H
~64.9		H			H
~60.9		H			H
~58.9	H			H	
~52.9		H		H	
~48.9				H	H
~45.9	H	H		H	H
~39.9			H	H	
~36.9			H	H	H
~34.9			H	H	H
~33	H	H	H	H	H

8 Block Diagram



Memo

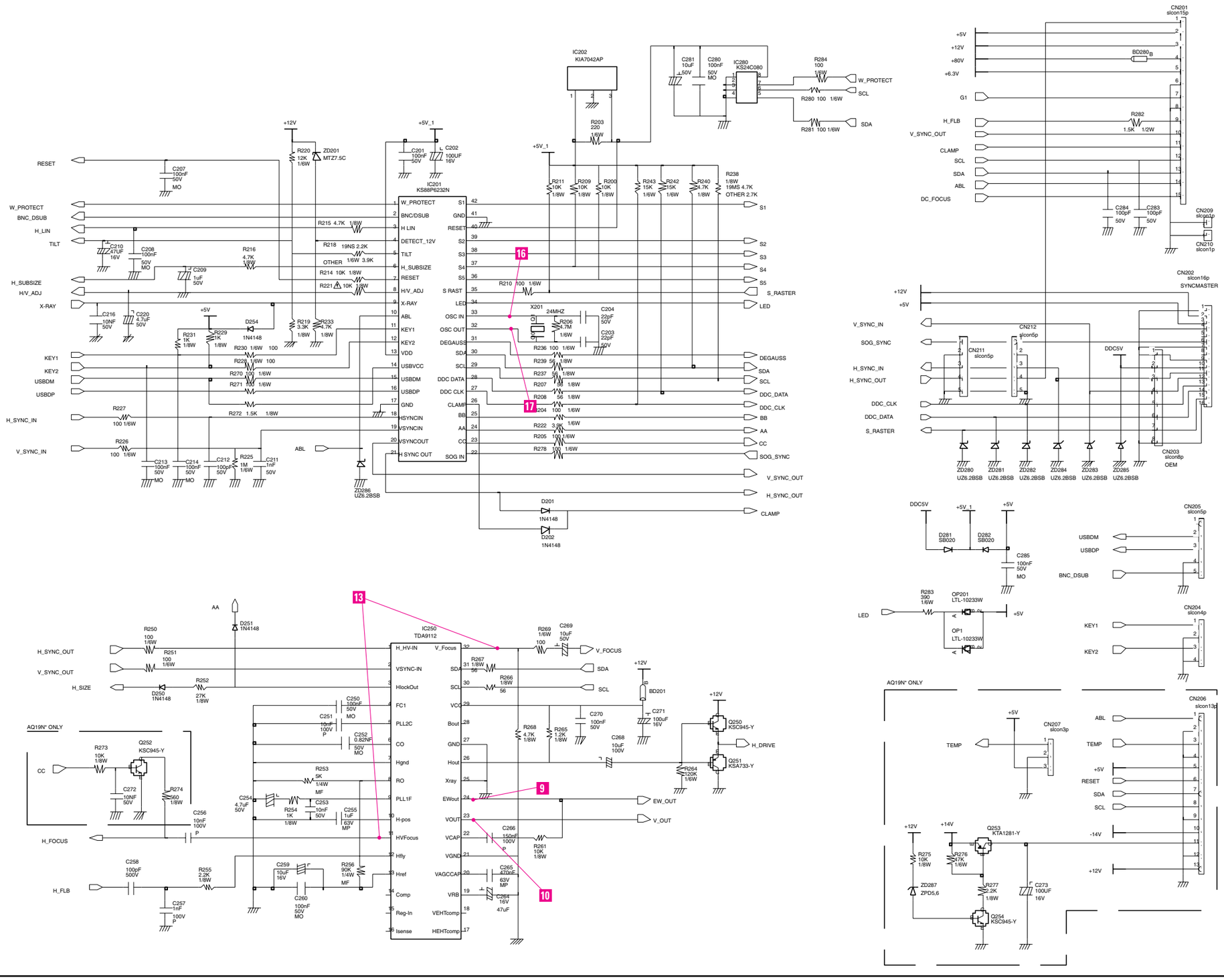
9 Wiring Diagram



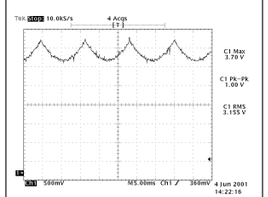
Memo

10 Schematic Diagrams

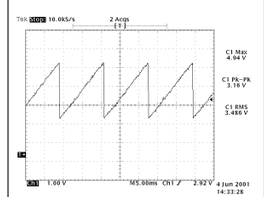
10-1-1 AQ17** & AQ19** Main Part Schematic Diagram



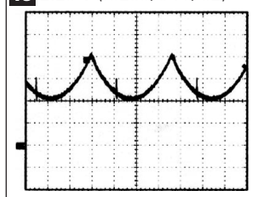
9 IC250, #24



10 IC250, #23

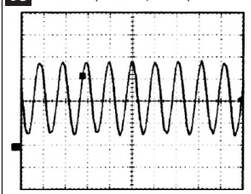


13 2.20 V (IC250, #11, 32)



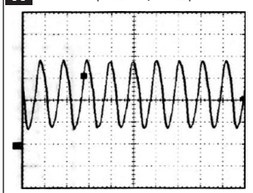
CH1 P-P = 2.20 V CH1 RMS = 2.776 V

16 3.42 V (IC201, #33)



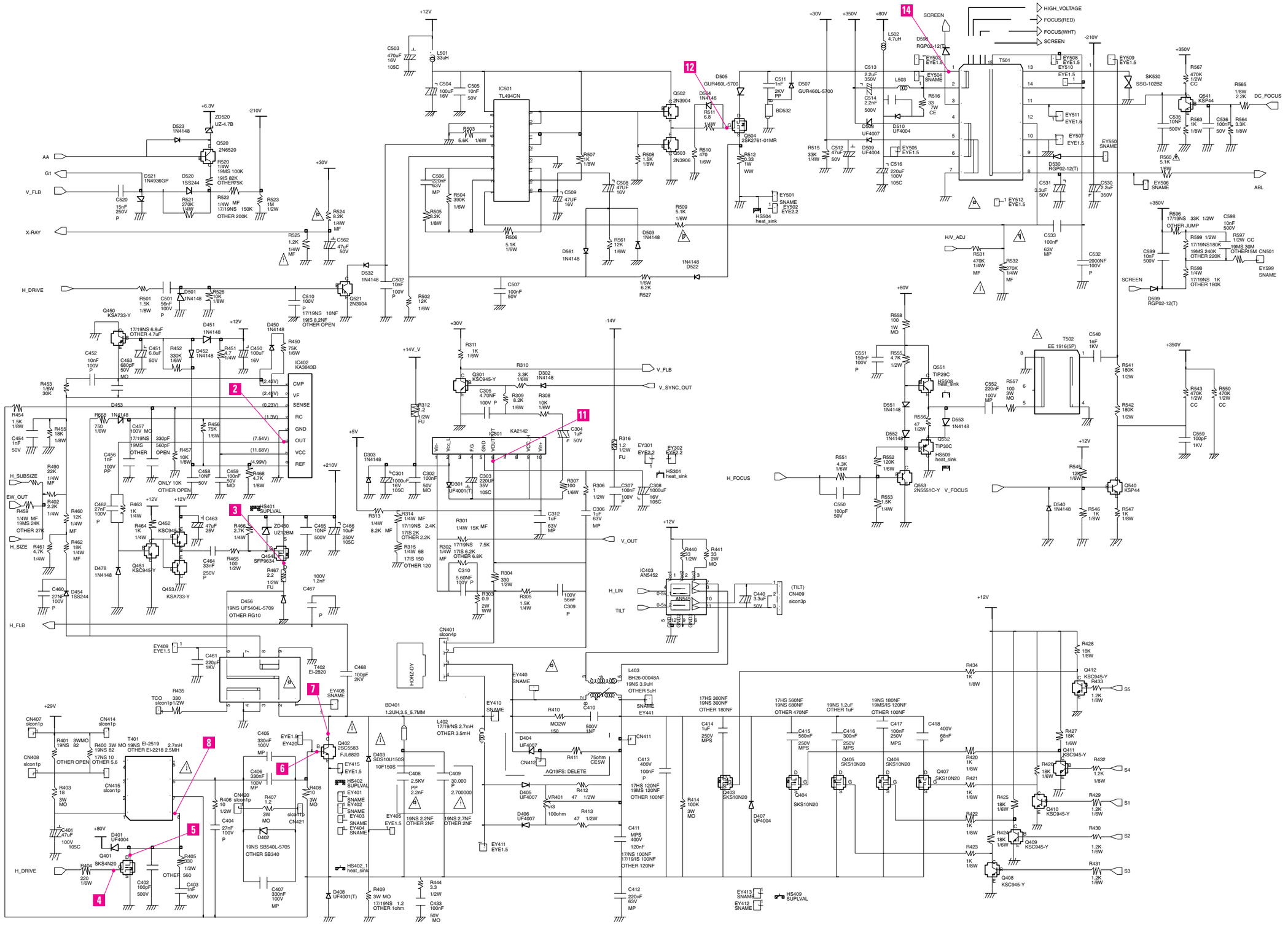
CH1 P-P = 3.42 V CH1 RMS = 2.500V

17 3.16 V (IC201, #32)

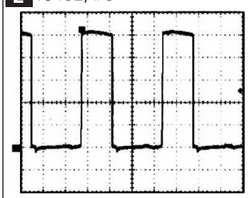


CH1 P-P = 3.16 V CH1 RMS = 2.560 V

10-1-2 AQ17** & AQ19** Main Part Schematic Diagram

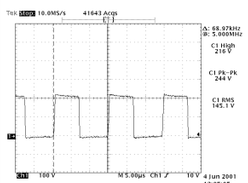


2 IC402, #6

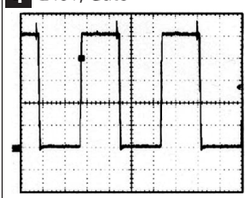


CH1 P-P = 10.96 V CH1 RMS = 6.180 V

3 Q454, drain

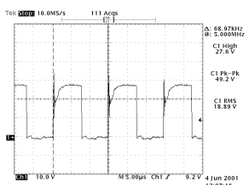


4 Q401, Gate

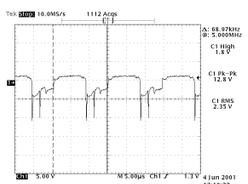


CH1 P-P = 11.6 V CH1 RMS = 6.944V

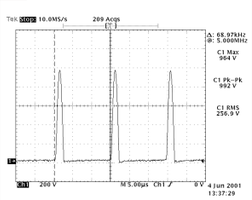
5 Q401, Drain



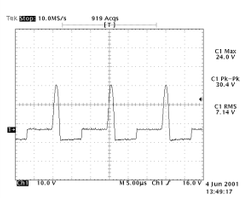
6 Q402, Base



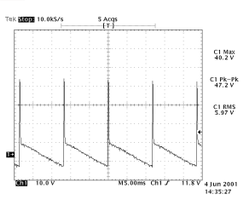
7 Q402, Collector



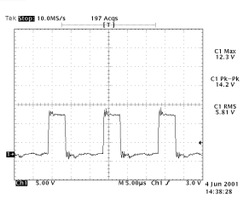
8 T402, #8



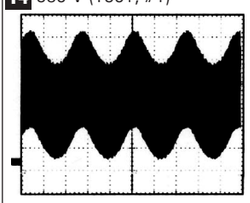
11 IC301, #6



12 Q504, Gate

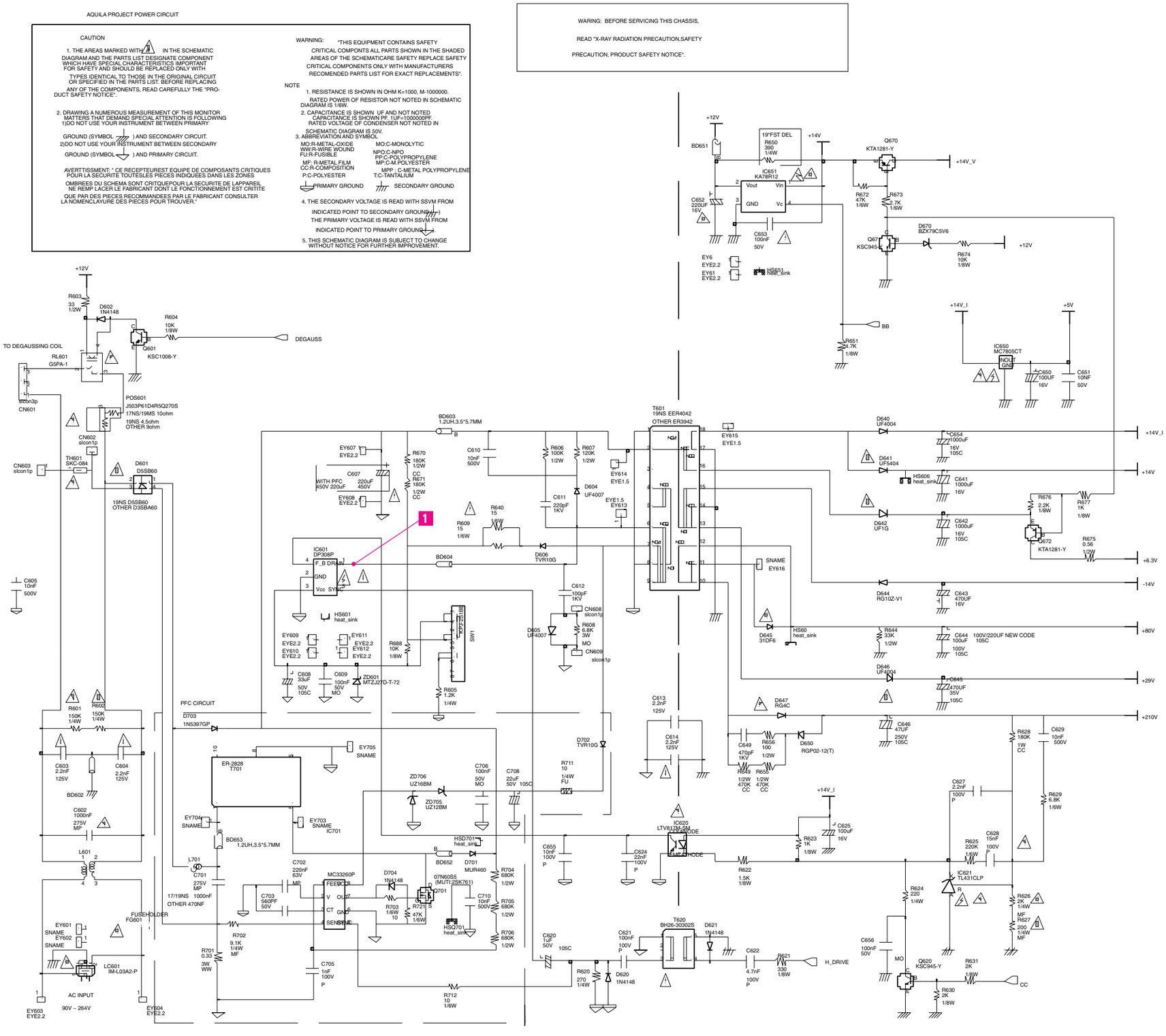


14 580 V (T501, #1)

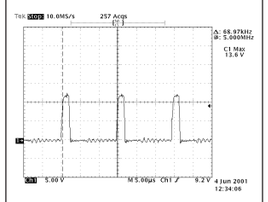


CH1 P-P = 580 V CH1 RMS = 278.2 V

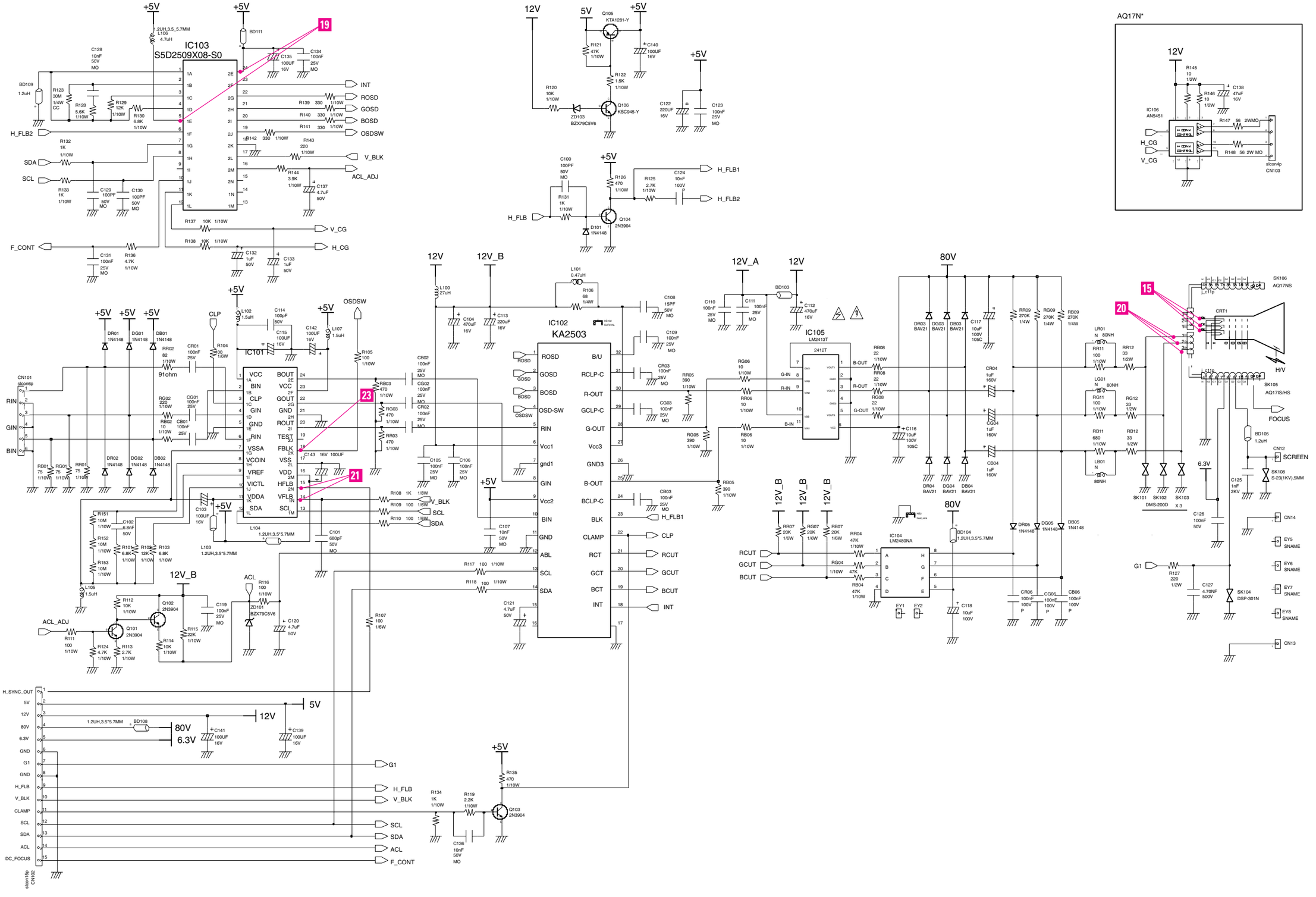
10-1-3 AQ17** & AQ19** Main Part Schematic Diagram


AQUILA PROJECT POWER CIRCUIT
CAUTION
1. THE AREAS MARKED WITH IN THE SCHEMATIC DIAGRAM AND THE PARTS LIST DESIGNATE COMPONENT WHICH HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY AND SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT OR SPECIFIED IN THE PARTS LIST. BEFORE REPLACING ANY OF THE COMPONENTS, READ CAREFULLY THE "PRODUCT SAFETY NOTICE".
2. DRAWING A NUMEROUS MEASUREMENT OF THIS MONITOR MATTERS THAT DEMAND SPECIAL ATTENTION IS FOLLOWING
1)DO NOT USE YOUR INSTRUMENT BETWEEN PRIMARY GROUND (SYMBOL) AND SECONDARY CIRCUIT.
2)DO NOT USE YOUR INSTRUMENT BETWEEN SECONDARY GROUND (SYMBOL) AND PRIMARY CIRCUIT.
AVERTTISSMENT: * CE RECEPTEURESTEQUIPE DE COMPOSANTS CRITIQUES POUR LA SECURITE TOUTESLES PIECES INDIQUEES DANS LES ZONES
OMBREES DU SCHEMA SONT CRITQUEPOUR LA SECURITE DE LAPPAREIL NE REMP LACER LE FABRICANT DONT LE FONCTIONNEMENT EST CRITITE
QUE PAR DES PIECES RECOMMANDEES PAR LE FABRICANT CONSULTER LA NOMENCLAYURE DES PIECES POUR TROUVER."
WARNING: "THIS EQUIPMENT CONTAINS SAFETY CRITICAL COMPONTS ALL PARTS SHOWN IN THE SHADED AREAS OF THE SCHEMATICARE SAFETY REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURERS RECOMENDED PARTS LIST FOR EXACT REPLACEMENTS".
NOTE
1. RESISTANCE IS SHOWN IN OHM K=1000, M-1000000. RATED POWER OF RESISTOR NOT NOTED IN SCHEMATIC DIAGRAM IS 1/8W.
2. CAPACITANCE IS SHOWN UF AND NOT NOTED. CAPACITANCE IS SHOWN PF. 1UF=1000000PF. RATED VOLTAGE OF CONDENSER NOT NOTED IN SCHEMATIC DIAGRAM IS 50V.
3. ABBREVIATION AND SYMBOL
MO:R-METAL-OXIDE
WW:R-WIRE WOUND
FU:R-FUSIBLE
MF: R-METAL FILM
CC:R-COMPOSITION
P:C-POLYESTER
MO:C-MONOLYTIC
NPO:C-NPO
PP:C-POLYPROPYLENE
MP-C-M.POLYESTER
MPP : C-METAL POLYPROPYLENE
T:C-TANTALIUM
PRIMARY GROUND
SECONDARY GROUND
4. THE SECONDARY VOLTAGE IS READ WITH SSVM FROM INDICATED POINT TO SECONDARY GROUND
THE PRIMARY VOLTAGE IS READ WITH SSVM FROM INDICATED POINT TO PRIMARY GROUND
5. THIS SCHEMATIC DIAGRAM IS SUBJECT TO CHANGE WITHOUT NOTICE FOR FURTHER IMPROVEMENT.
WARING: BEFORE SERVICING THIS CHASSIS,
READ "X-RAY RADIATION PRECAUTION,SAFETY
PRECAUTION, PRODUCT SAFETY NOTICE".
TO DEGAUSSING COIL
DEGAUSS
PFC CIRCUIT
AC INPUT
90V ~ 264V
FUSEHOLDER
1

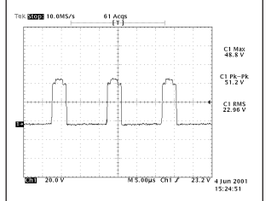
1 368 V (IC601, #1)



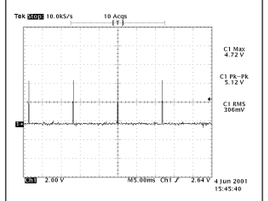
10-2 AQ17** Video Part Schematic Diagram



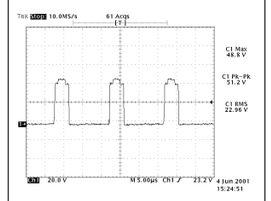
15 CRT Socket, Red, Green, Blue



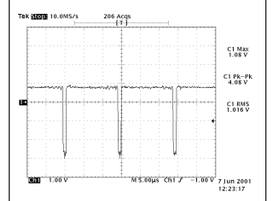
19 IC103, #5, 24



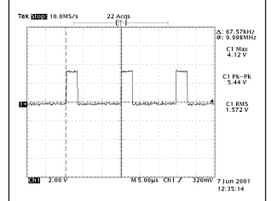
20 R, G, B, Video



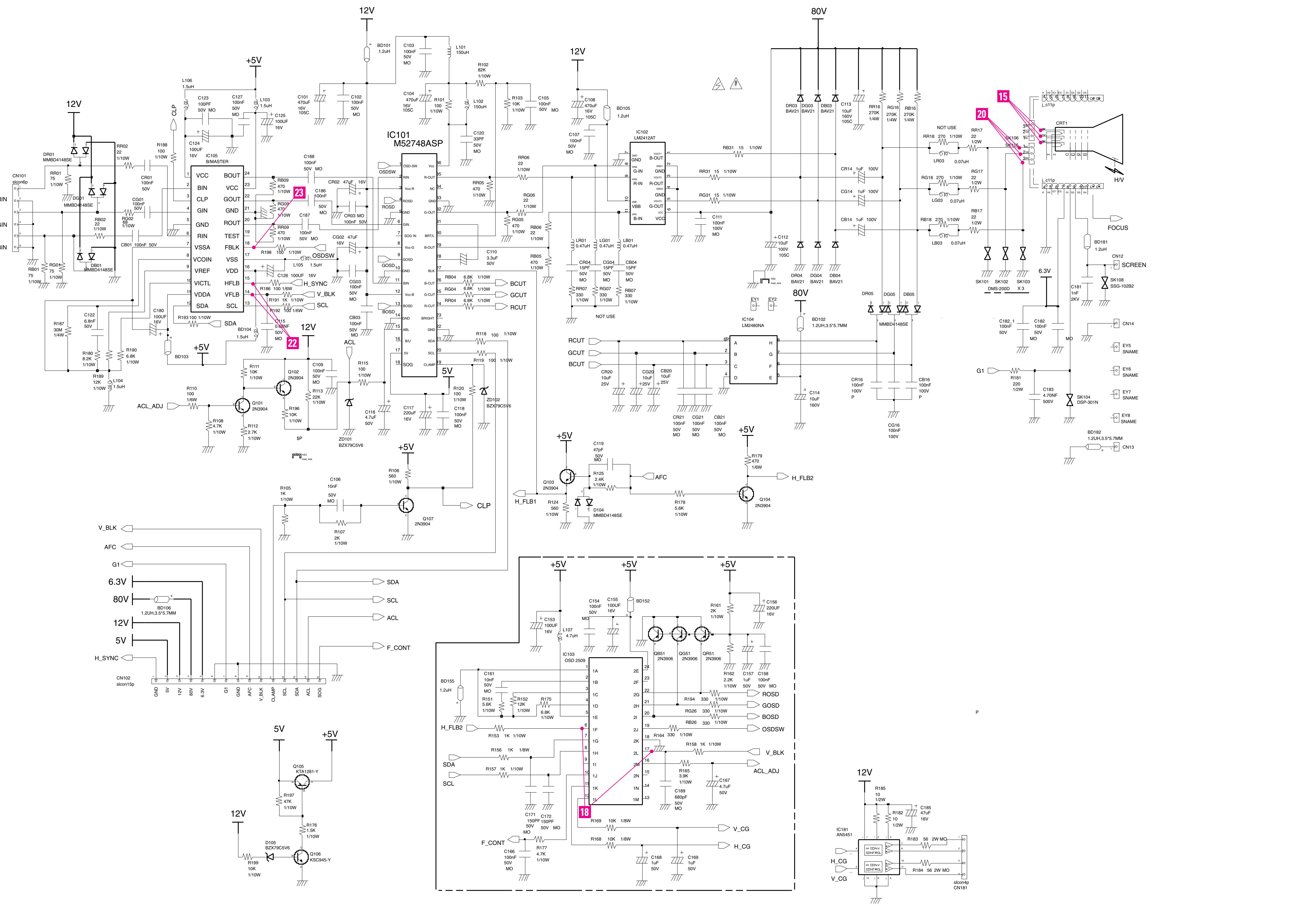
21 IC101, #14, 15



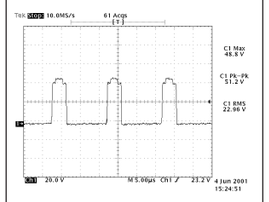
23 IC105, #18



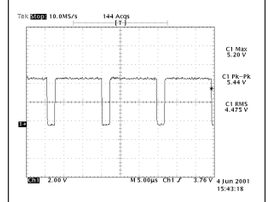
10-3 AQ19** Video Part Schematic Diagram



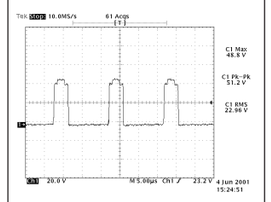
15 CRT Socket, Red, Green, Blue



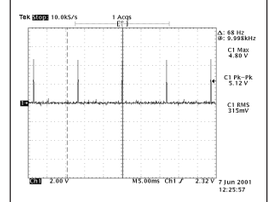
18 IC103, #6, 17



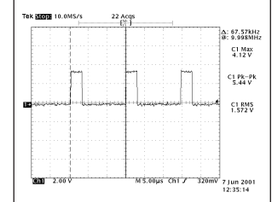
20 R, G, B, Video



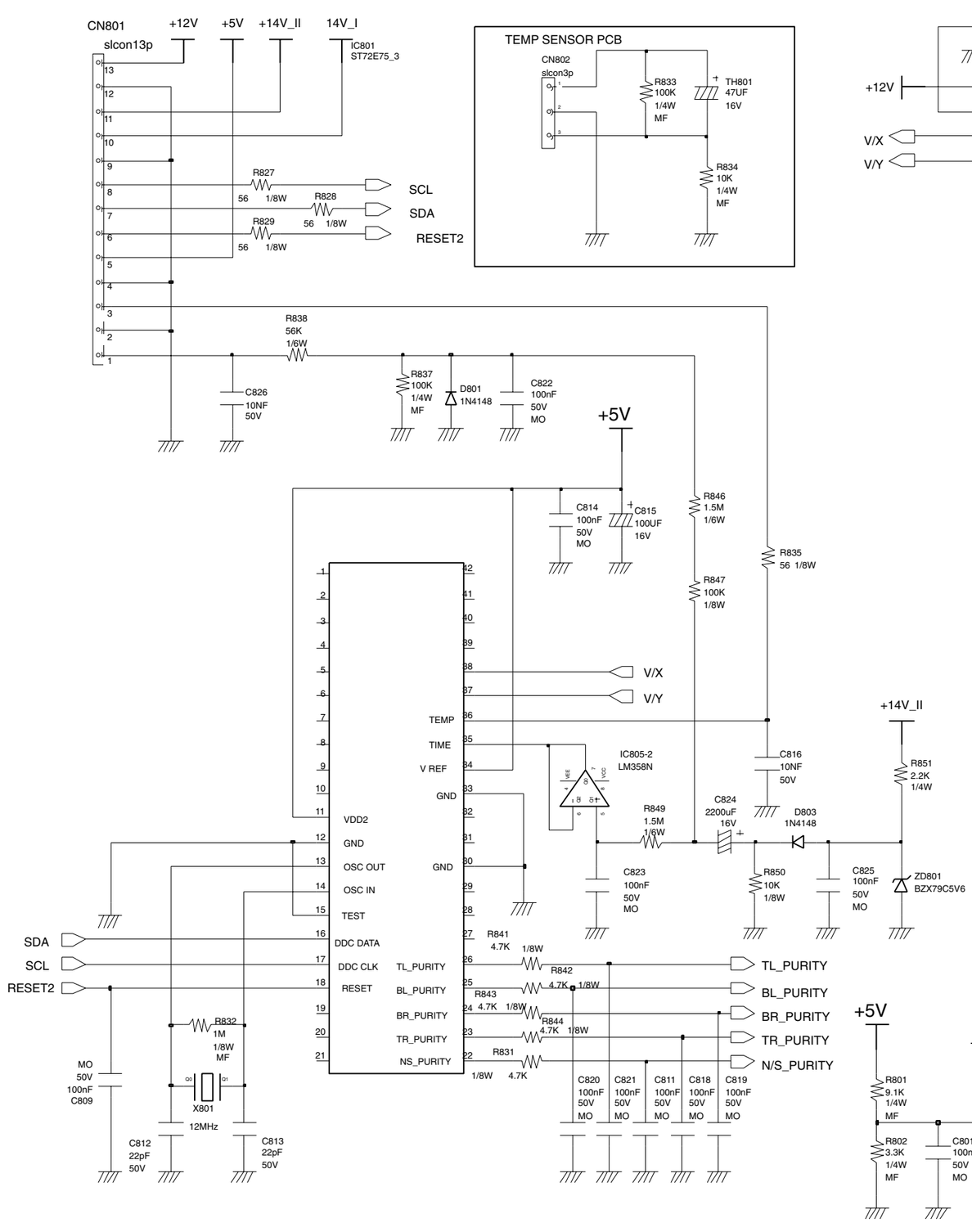
22 IC105, #14, 15



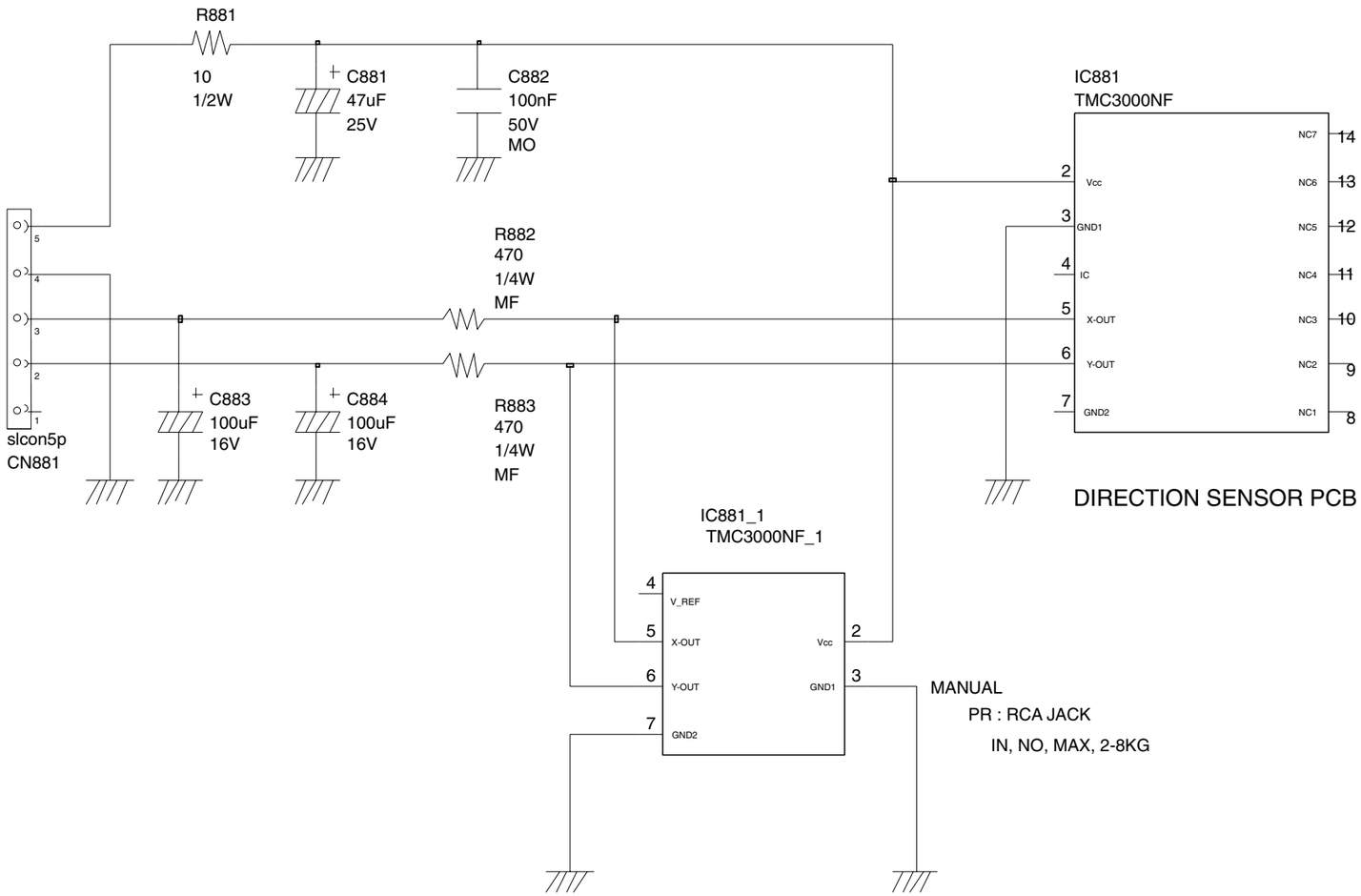
23 IC105, #18



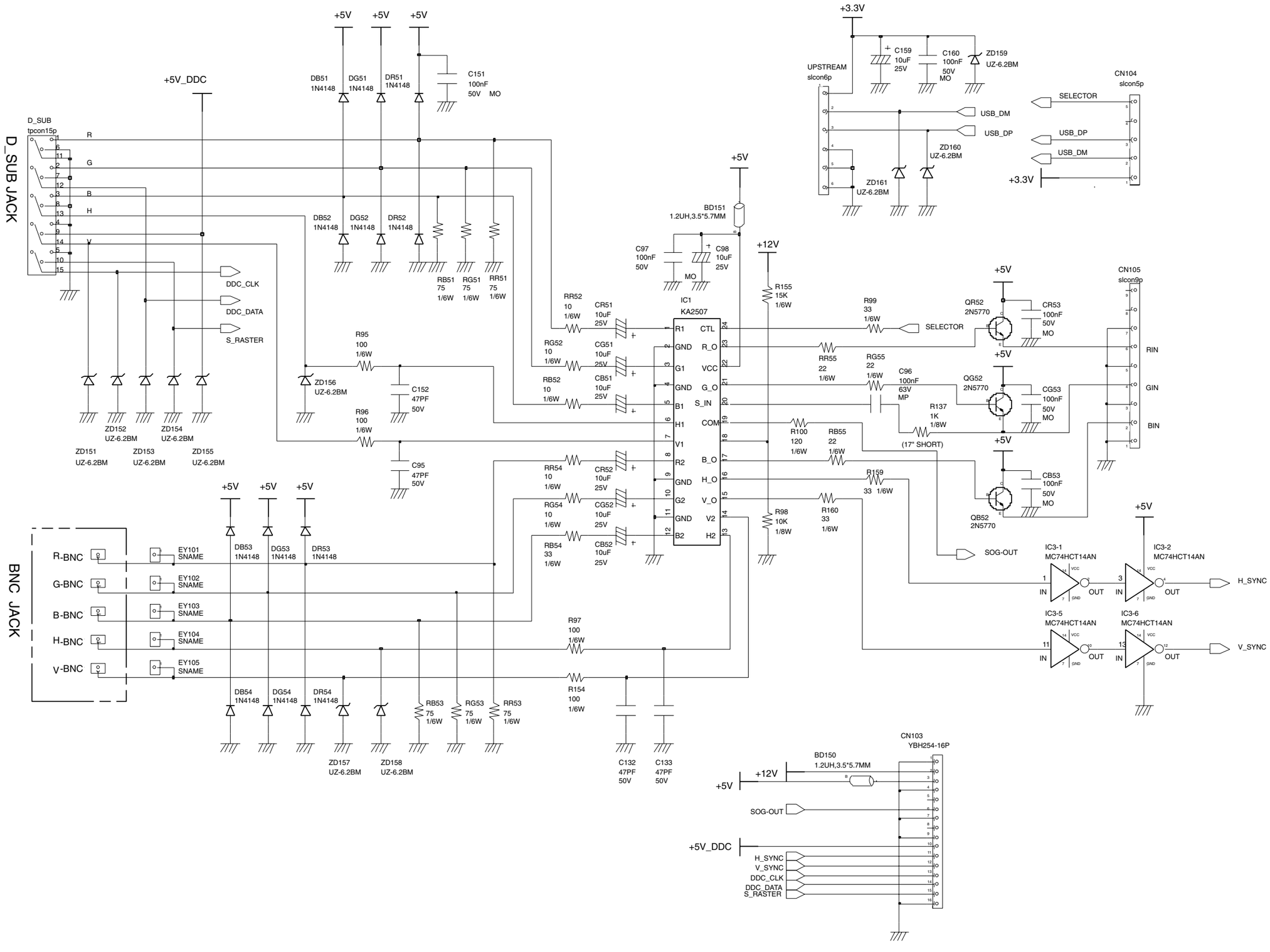
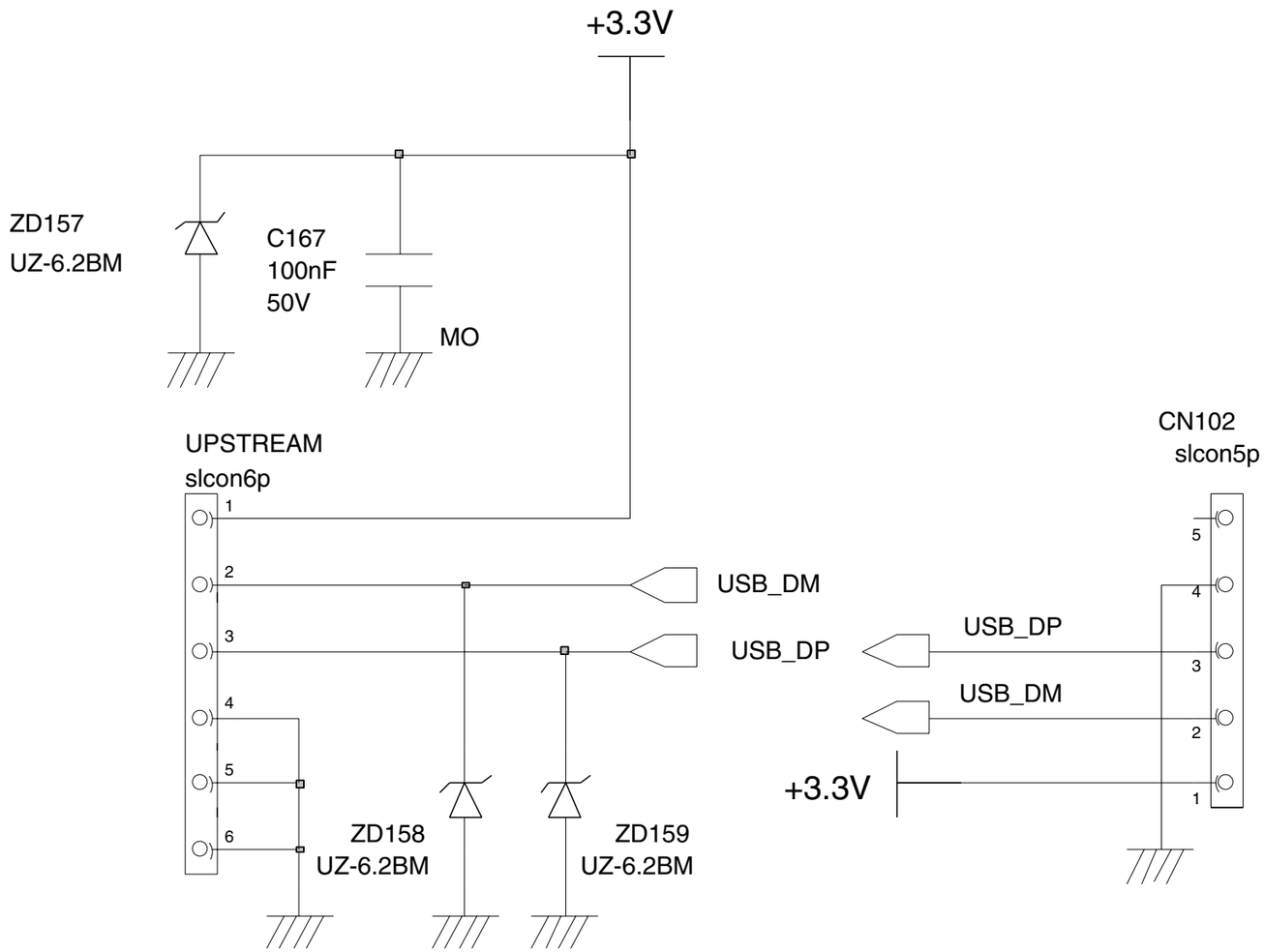
10-4 Purity Part Schematic Diagram



10-5 Sensor Part Schematic Diagram



10-6 BNC Part Schematic Diagram



10-7 USB Part Schematic Diagram